

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083123\  
 Data File : BF135052.D  
 Acq On : 31 Aug 2023 20:58  
 Operator : CG\JU  
 Sample : 04218-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2

Quant Time: Sep 01 01:52:24 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  | 116133   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 474150   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.810  | 164  | 237785   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.304 | 188  | 367952   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.957 | 240  | 175901   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.421 | 264  | 222601   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 474255   | 63.078 | ng    | 0.00     |
| 7) Phenol-d6                | 6.410  | 99   | 772426   | 82.424 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.334  | 82   | 564993   | 66.944 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 89263    | 35.388 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1040767  | 71.261 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 722807   | 67.058 | ng    | 0.00     |

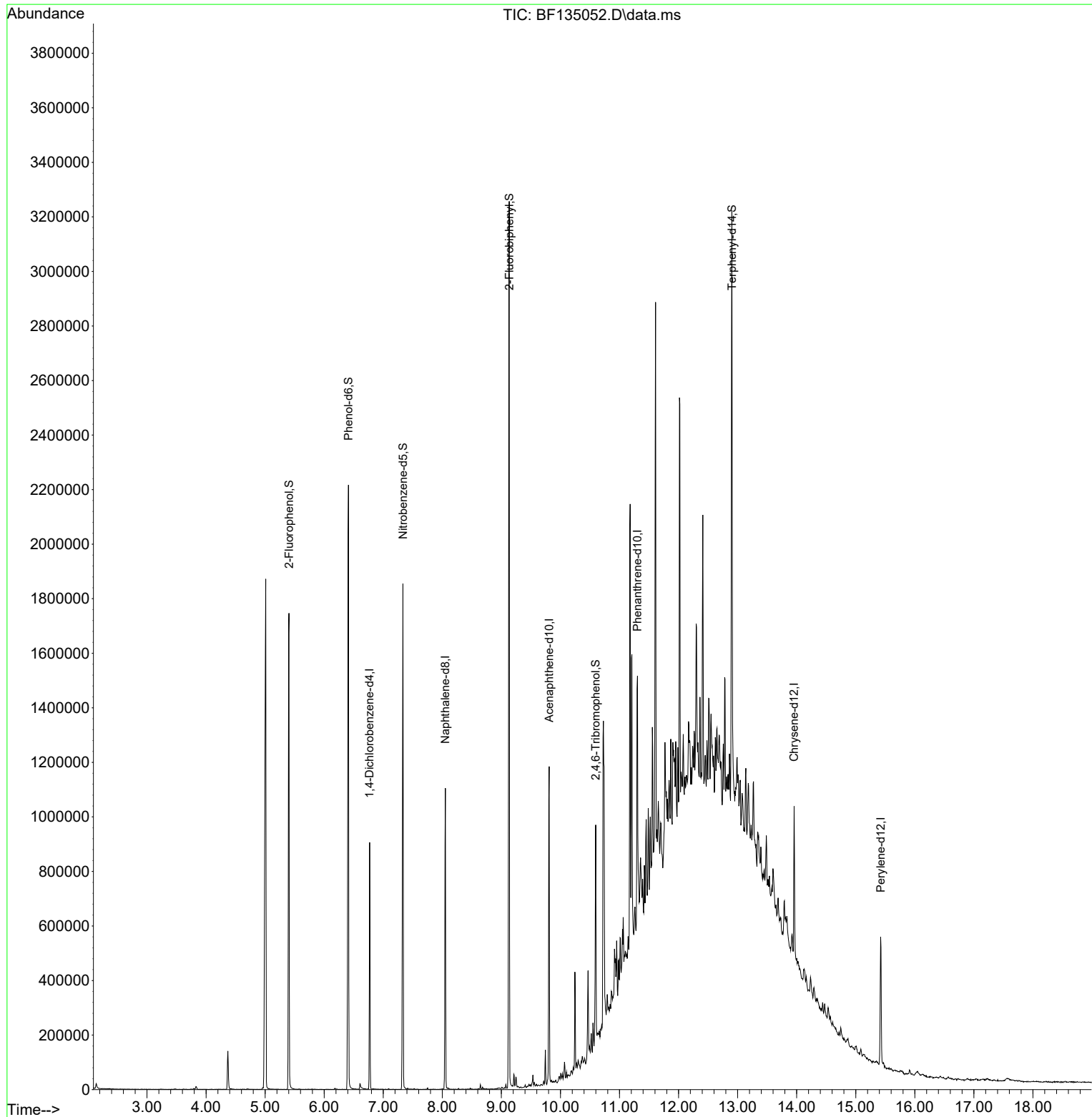
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

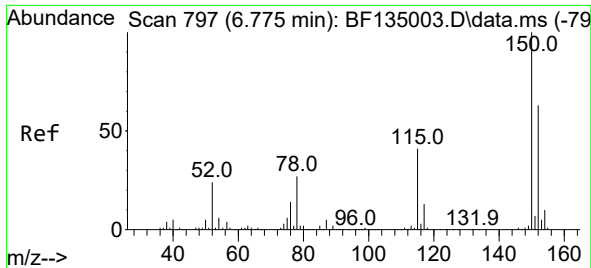
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083123\  
Data File : BF135052.D  
Acq On : 31 Aug 2023 20:58  
Operator : CG\JU  
Sample : 04218-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

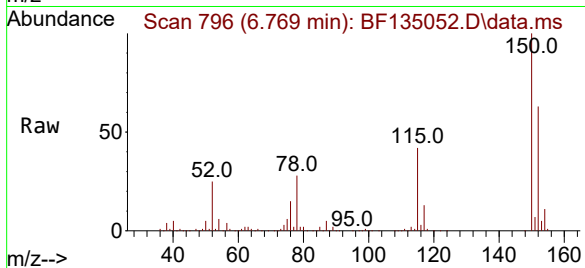
Quant Time: Sep 01 01:52:24 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration



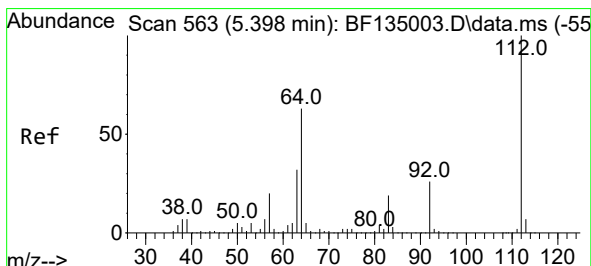
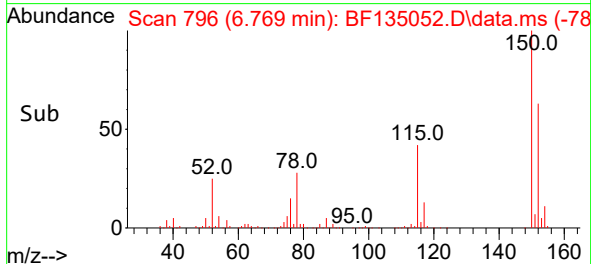
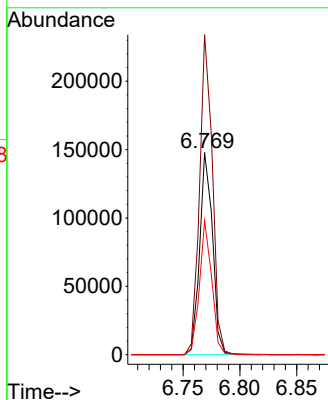


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135052.D  
Acq: 31 Aug 2023 20:58

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

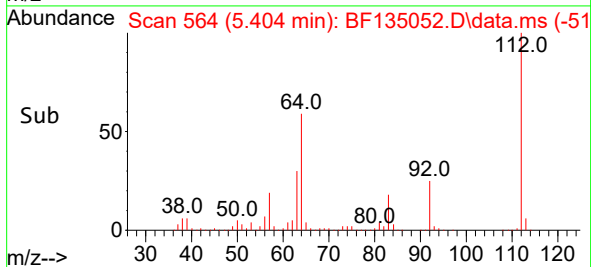
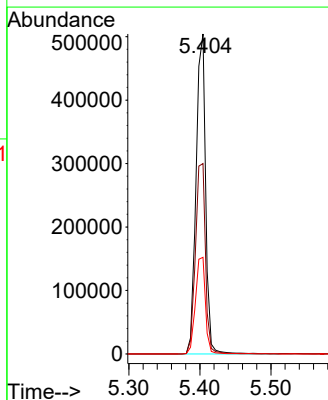
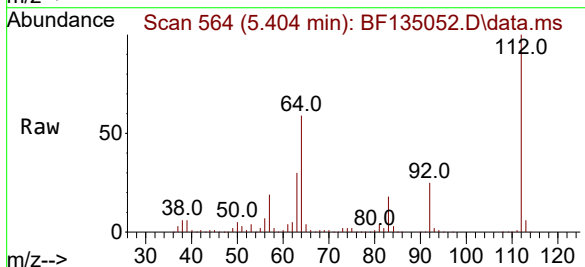


Tgt Ion:152 Resp: 116133  
Ion Ratio Lower Upper  
152 100  
150 158.4 126.2 189.4  
115 66.3 51.2 76.8



#5  
2-Fluorophenol  
Concen: 63.078 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: BF135052.D  
Acq: 31 Aug 2023 20:58

Tgt Ion:112 Resp: 474255  
Ion Ratio Lower Upper  
112 100  
64 59.5 50.5 75.7  
63 30.2 25.9 38.9

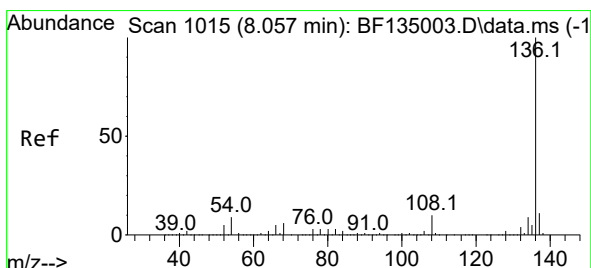
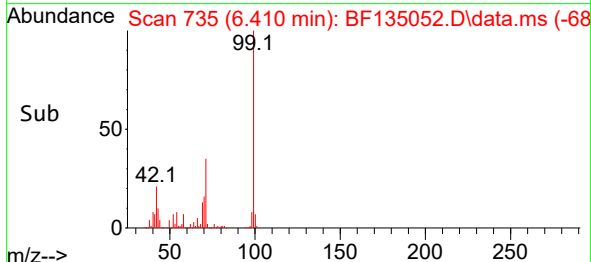
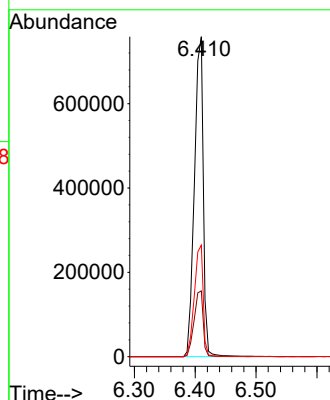
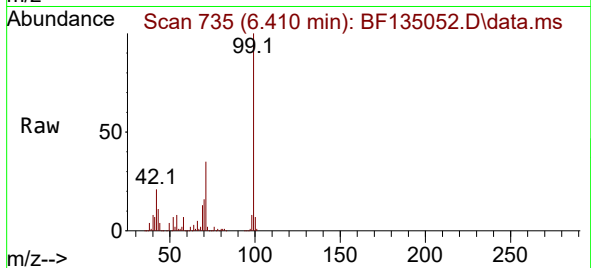




#7  
Phenol-d6  
Concen: 82.424 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF135052.D  
Acq: 31 Aug 2023 20:58

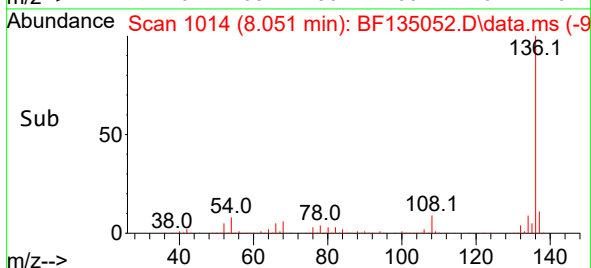
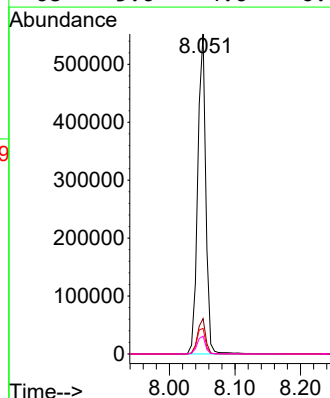
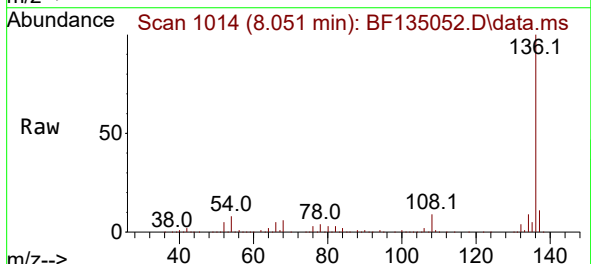
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

Tgt Ion: 99 Resp: 772426  
Ion Ratio Lower Upper  
99 100  
42 20.6 16.6 25.0  
71 34.9 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: BF135052.D  
Acq: 31 Aug 2023 20:58

Tgt Ion: 136 Resp: 474150  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.0 7.0 10.4  
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.944 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135052.D

Acq: 31 Aug 2023 20:58

Instrument :

BNA\_F

ClientSampleId :

COMP-2

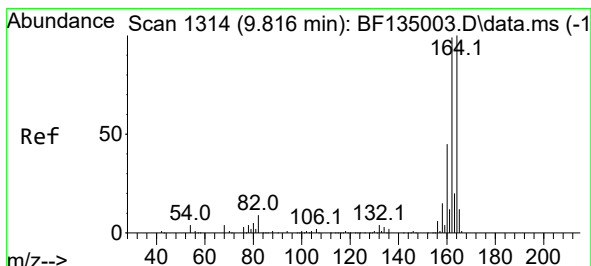
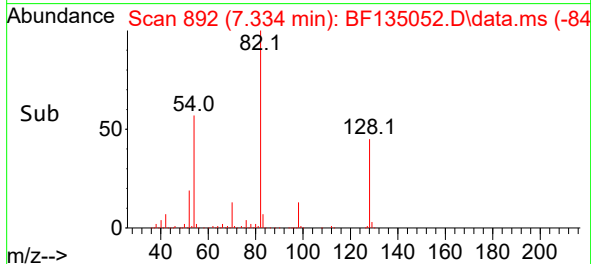
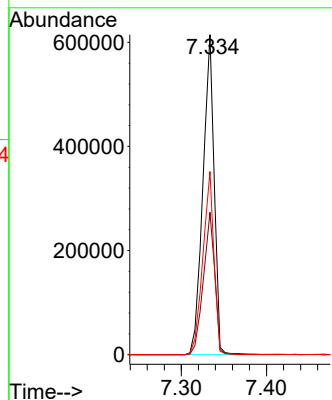
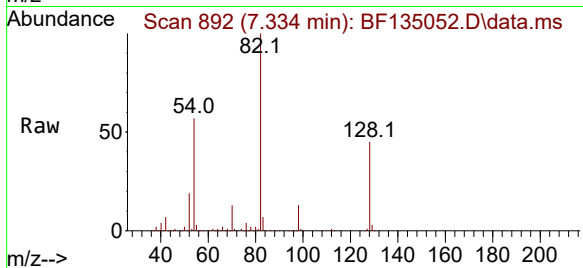
Tgt Ion: 82 Resp: 564993

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

54 57.3 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: BF135052.D

Acq: 31 Aug 2023 20:58

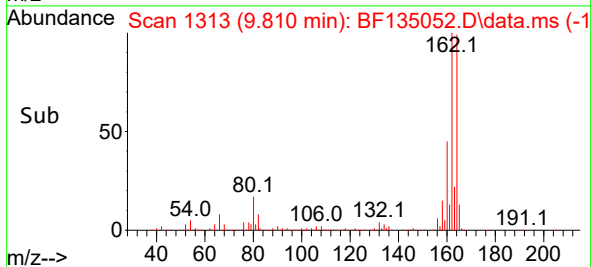
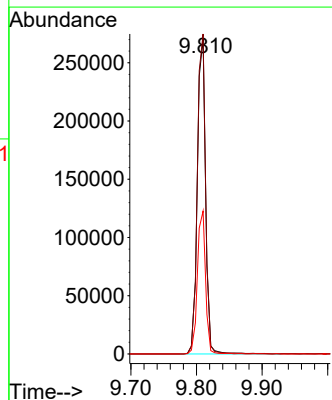
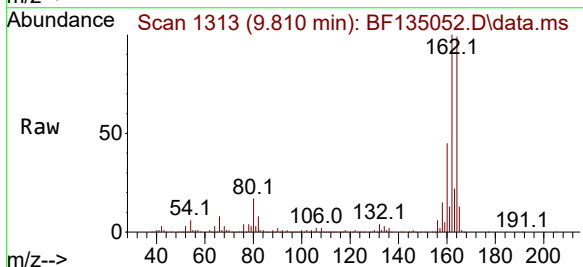
Tgt Ion:164 Resp: 237785

Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 35.388 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135052.D

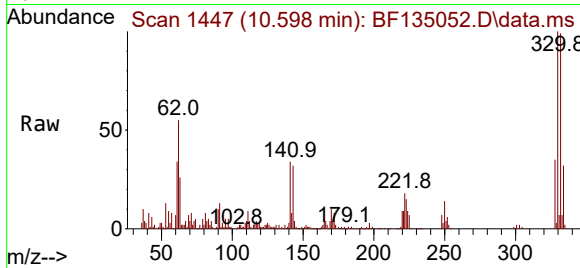
Acq: 31 Aug 2023 20:58

Instrument :

BNA\_F

ClientSampleId :

COMP-2



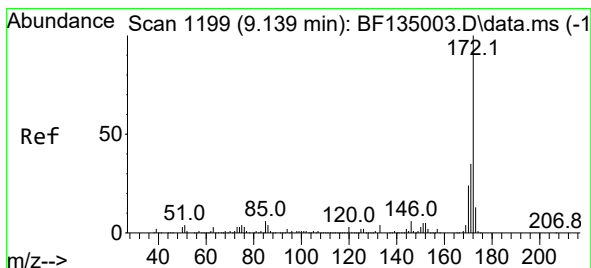
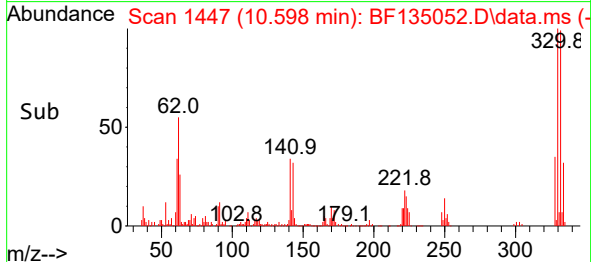
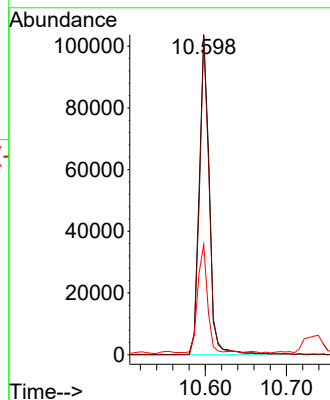
Tgt Ion:330 Resp: 89263

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 71.261 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135052.D

Acq: 31 Aug 2023 20:58

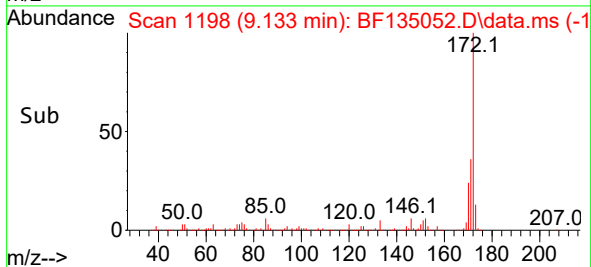
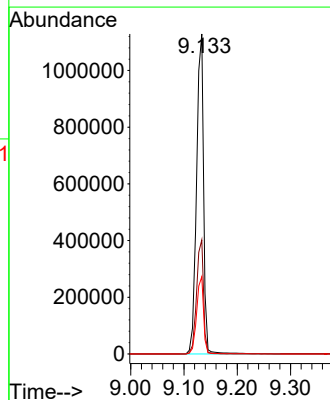
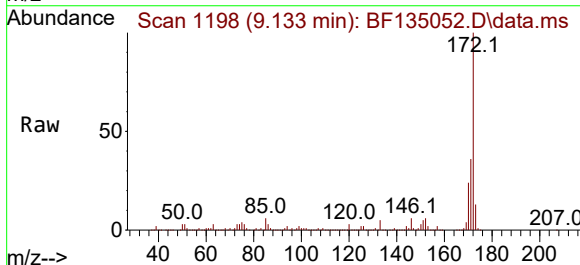
Tgt Ion:172 Resp: 1040767

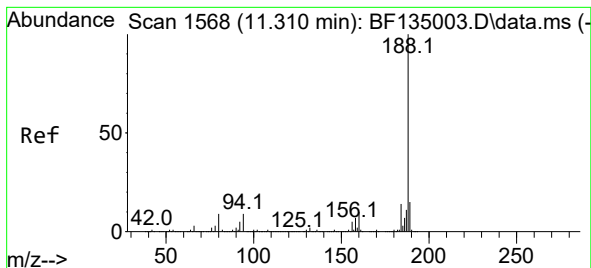
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.2 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: BF135052.D

Acq: 31 Aug 2023 20:58

Instrument :

BNA\_F

ClientSampleId :

COMP-2

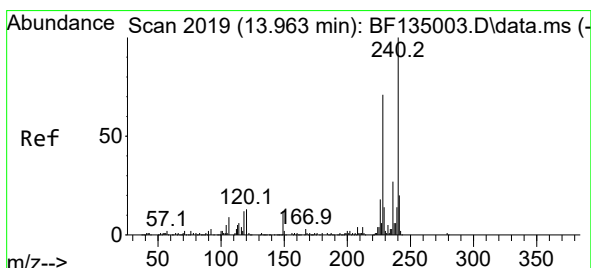
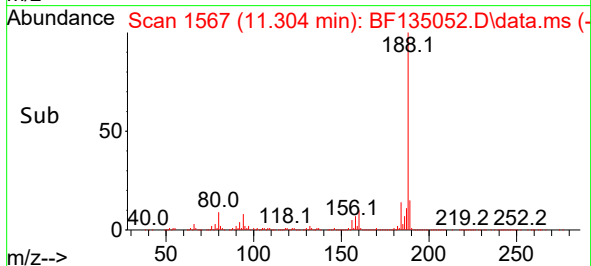
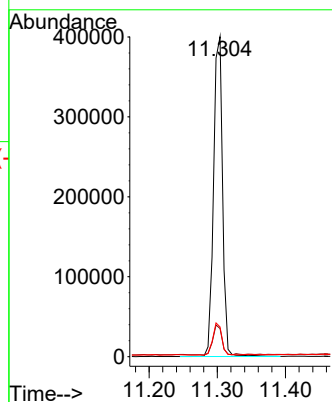
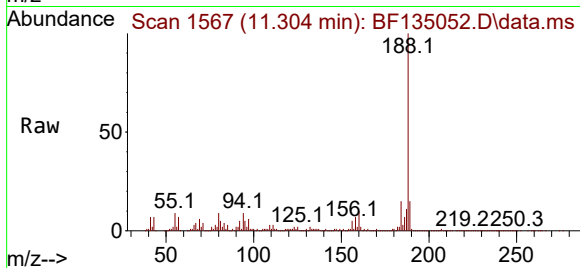
Tgt Ion:188 Resp: 367952

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.3 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: BF135052.D

Acq: 31 Aug 2023 20:58

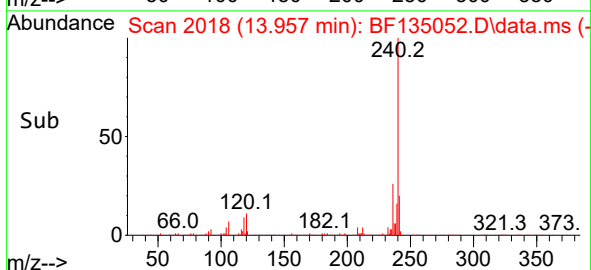
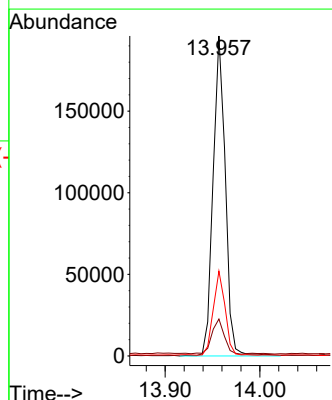
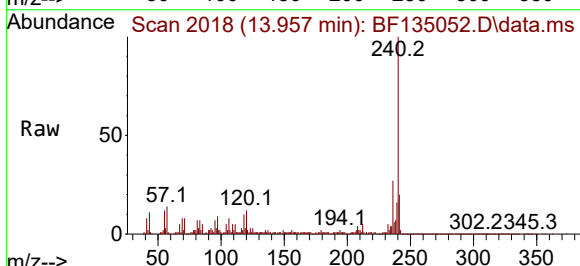
Tgt Ion:240 Resp: 175901

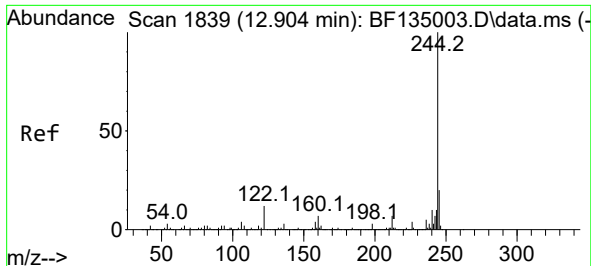
Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.2

236 26.5 21.3 31.9

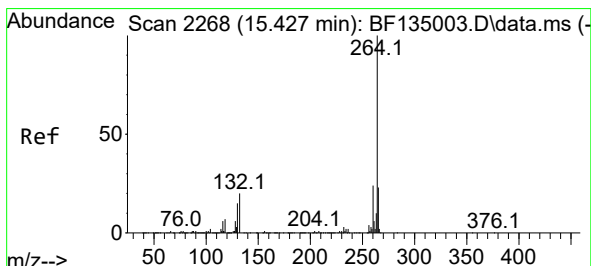
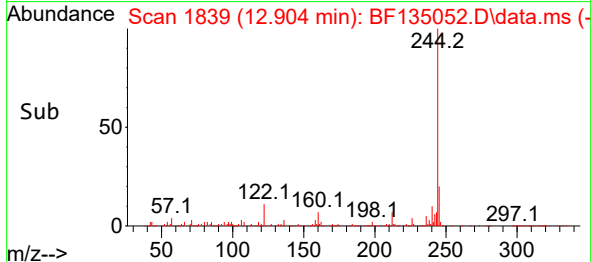
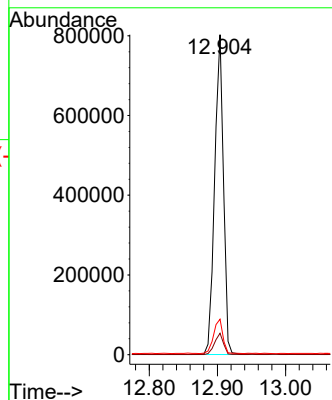
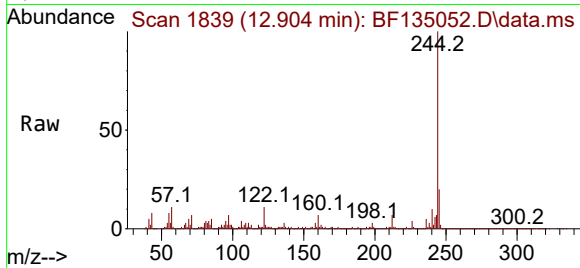




#79  
 Terphenyl-d14  
 Concen: 67.058 ng  
 RT: 12.904 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF135052.D  
 Acq: 31 Aug 2023 20:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2

Tgt Ion:244 Resp: 722807  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 11.1 9.8 14.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. -0.006 min  
 Lab File: BF135052.D  
 Acq: 31 Aug 2023 20:58

Tgt Ion:264 Resp: 222601  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.0 28.6  
 265 21.9 18.2 27.2

