

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090123\  
 Data File : BF135085.D  
 Acq On : 01 Sep 2023 19:49  
 Operator : CG\JU  
 Sample : 04210-01 2X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-04-082923

Quant Time: Sep 02 00:14:28 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

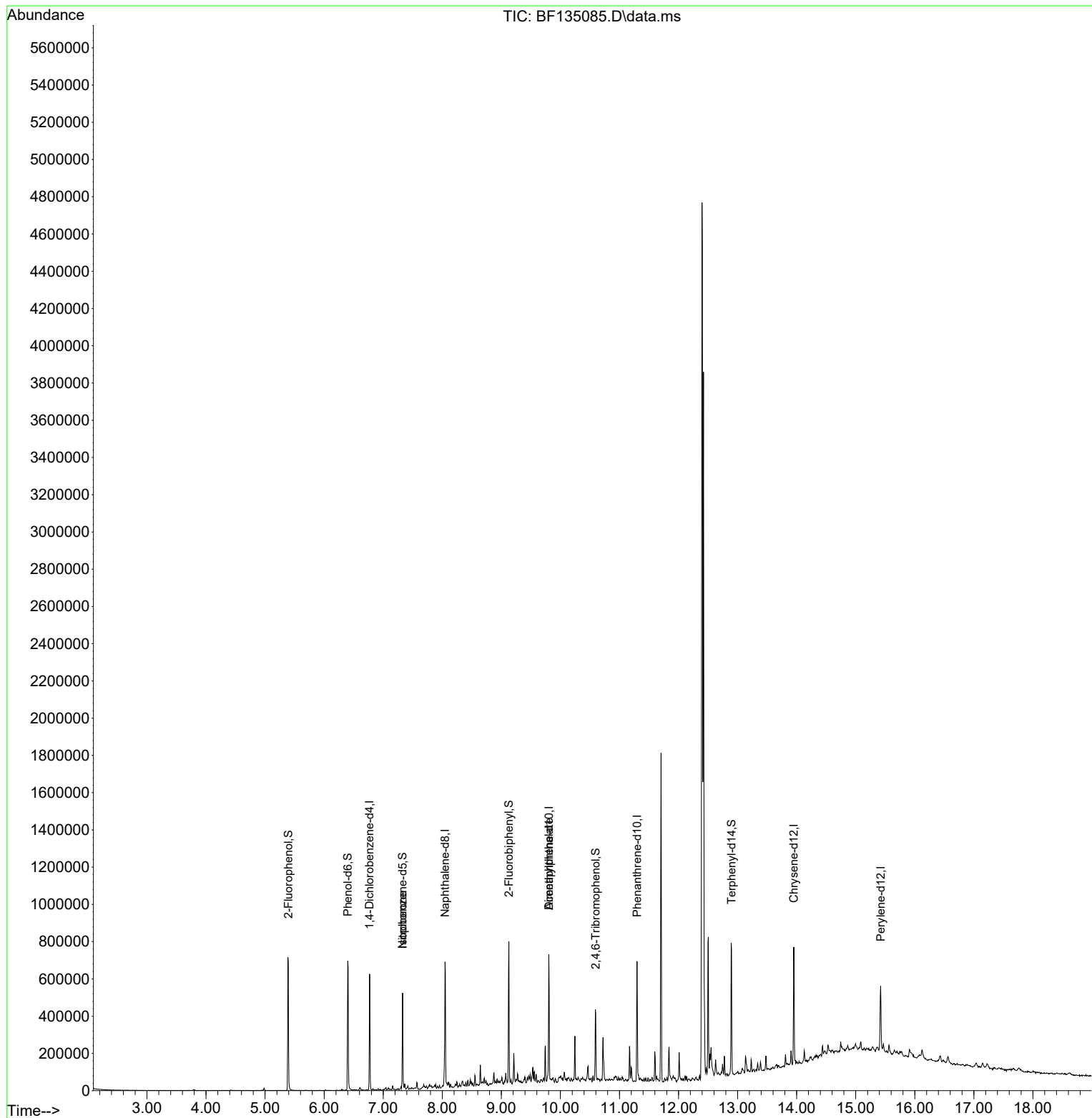
| Compound                    | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|--------|----------|
| -----                       |        |      |          |           |        |          |
| Internal Standards          |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 79968    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8          | 8.045  | 136  | 292714   | 20.000    | ng     | -0.01    |
| 39) Acenaphthene-d10        | 9.804  | 164  | 125262   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 219087   | 20.000    | ng     | -0.01    |
| 76) Chrysene-d12            | 13.951 | 240  | 200843   | 20.000    | ng     | -0.01    |
| 86) Perylene-d12            | 15.421 | 264  | 164541   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds |        |      |          |           |        |          |
| 5) 2-Fluorophenol           | 5.393  | 112  | 200133   | 38.657    | ng     | 0.00     |
| 7) Phenol-d6                | 6.398  | 99   | 227941   | 35.323    | ng     | -0.02    |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 133862   | 25.692    | ng     | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 46838    | 35.249    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 221472   | 28.786    | ng     | -0.01    |
| 79) Terphenyl-d14           | 12.898 | 244  | 246375   | 20.019    | ng     | 0.00     |
| Target Compounds            |        |      |          |           |        |          |
|                             |        |      |          |           | Qvalue |          |
| 25) Isophorone              | 7.328  | 82   | 133862   | 13.551    | ng #   | 65       |
| 50) Dimethylphthalate       | 9.804  | 163  | 22887    | 2.609     | ng #   | 1        |
| 69) Atrazine                | 10.992 | 200  | 483      | Below Cal | #      | 83       |
| -----                       |        |      |          |           |        |          |

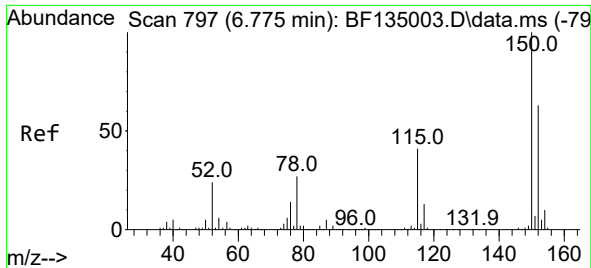
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090123\  
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BNA\_F  
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TR-04-082923

Quant Time: Sep 02 00:14:28 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

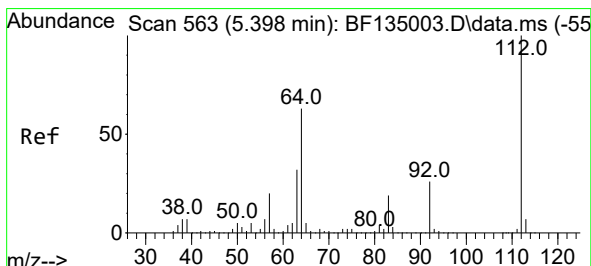
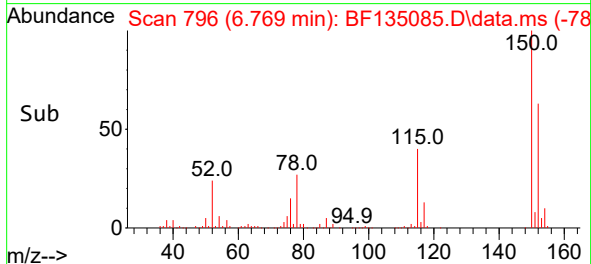
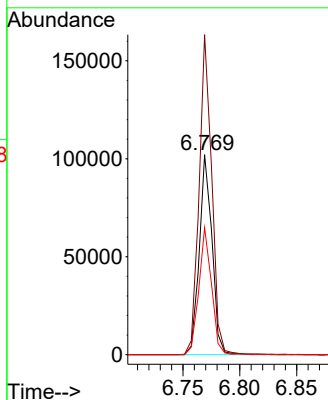
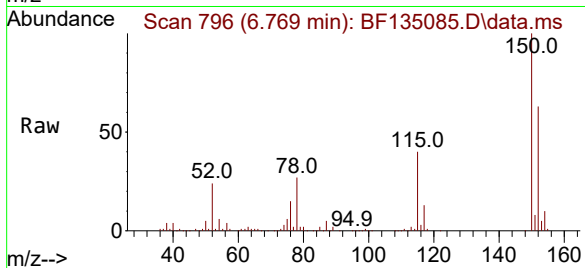




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

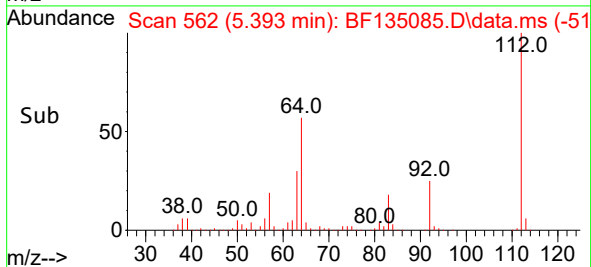
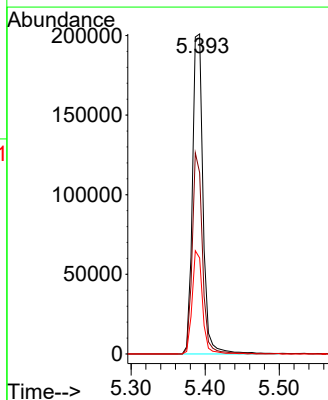
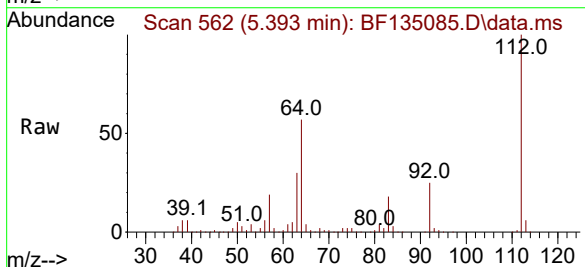
Instrument :  
BNA\_F  
ClientSampleId :  
TR-04-082923

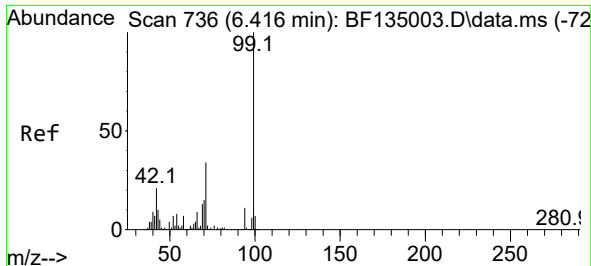
Tgt Ion:152 Resp: 79968  
Ion Ratio Lower Upper  
152 100  
150 160.0 126.2 189.4  
115 63.5 51.2 76.8



#5  
2-Fluorophenol  
Concen: 38.657 ng  
RT: 5.393 min Scan# 562  
Delta R.T. -0.006 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

Tgt Ion:112 Resp: 200133  
Ion Ratio Lower Upper  
112 100  
64 56.7 50.5 75.7  
63 30.0 25.9 38.9





#7

Phenol-d6

Concen: 35.323 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

Instrument :

BNA\_F

ClientSampleId :

TR-04-082923

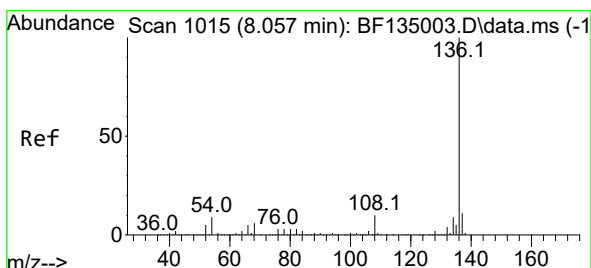
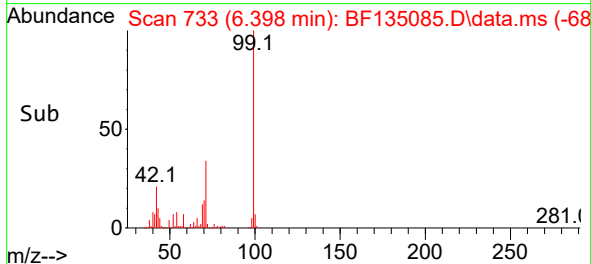
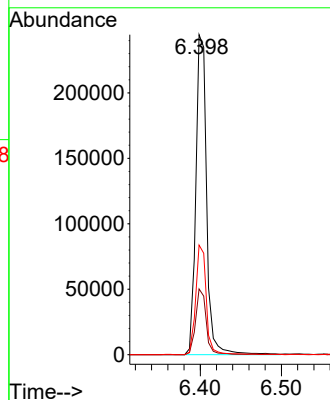
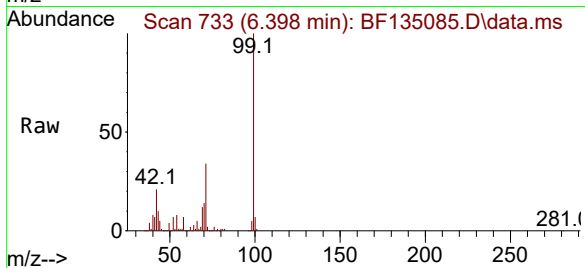
Tgt Ion: 99 Resp: 227941

Ion Ratio Lower Upper

99 100

42 20.5 16.6 25.0

71 34.2 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

Tgt Ion: 136 Resp: 292714

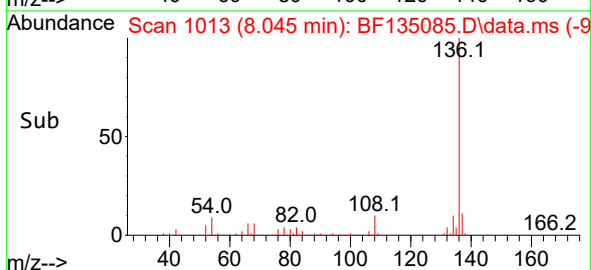
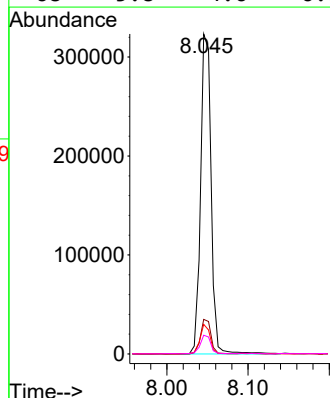
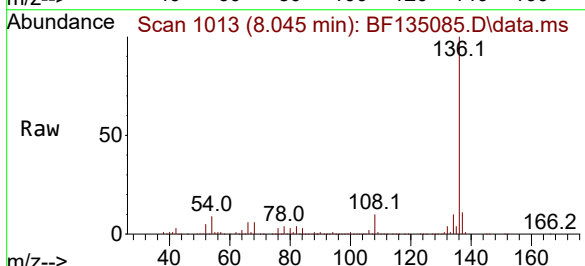
Ion Ratio Lower Upper

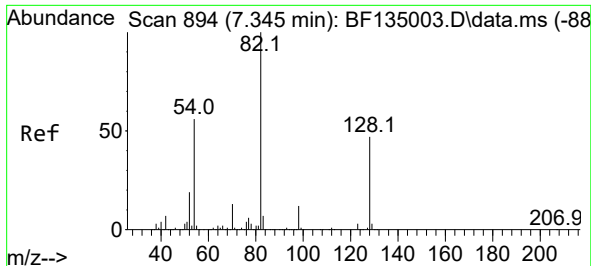
136 100

137 10.8 8.8 13.2

54 9.2 7.0 10.4

68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 25.692 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

Instrument :

BNA\_F

ClientSampleId :

TR-04-082923

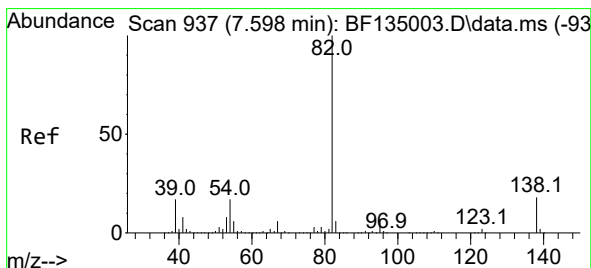
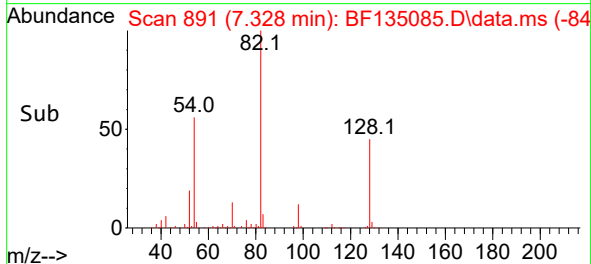
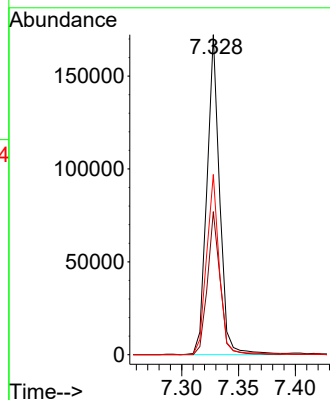
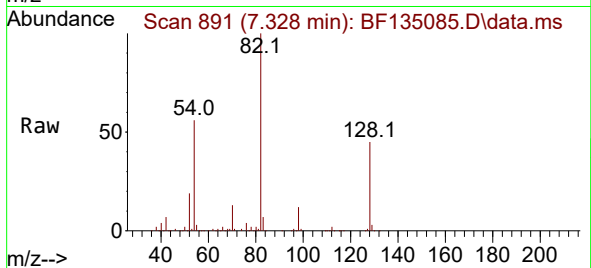
Tgt Ion: 82 Resp: 133862

Ion Ratio Lower Upper

82 100

128 44.7 37.8 56.8

54 56.3 45.0 67.6



#25

Isophorone

Concen: 13.551 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.270 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

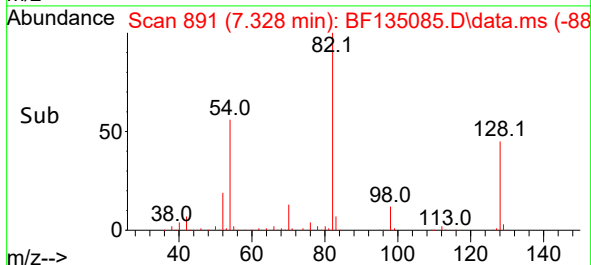
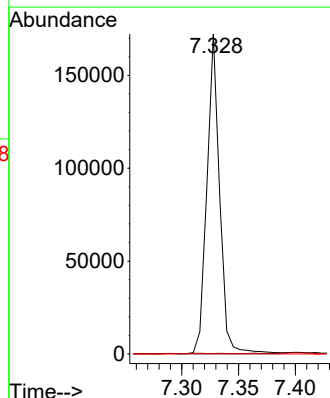
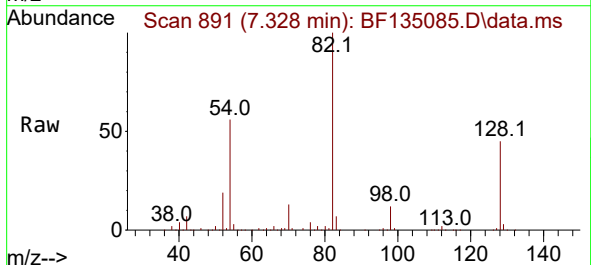
Tgt Ion: 82 Resp: 133862

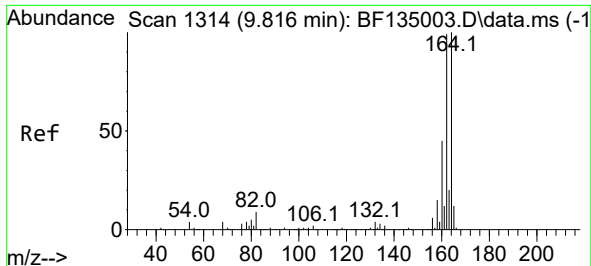
Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

138 0.0 14.7 22.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

Instrument :

BNA\_F

ClientSampleId :

TR-04-082923

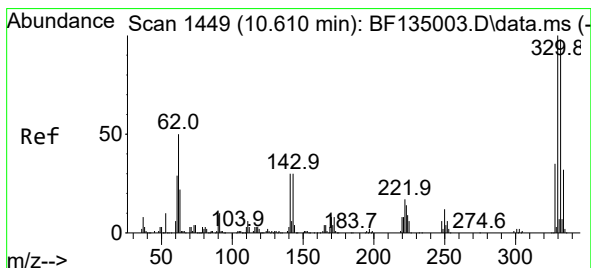
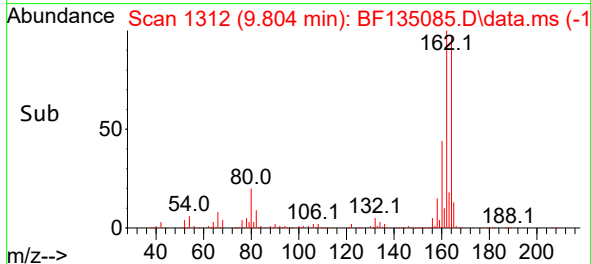
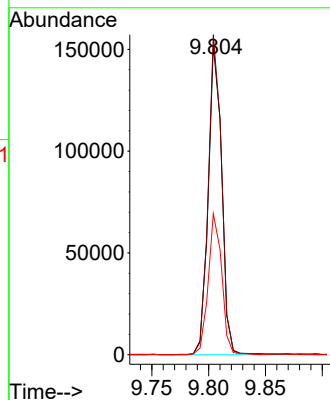
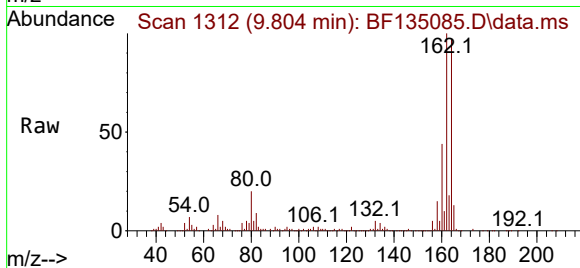
Tgt Ion:164 Resp: 125262

Ion Ratio Lower Upper

164 100

162 103.4 79.5 119.3

160 45.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 35.249 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

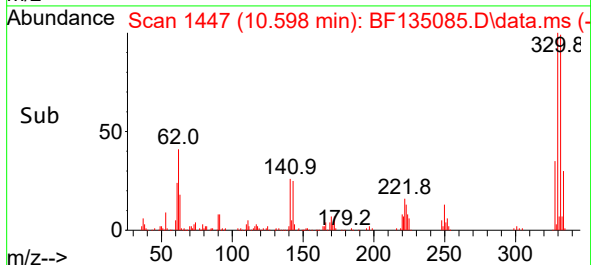
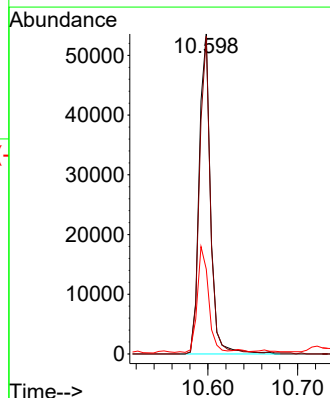
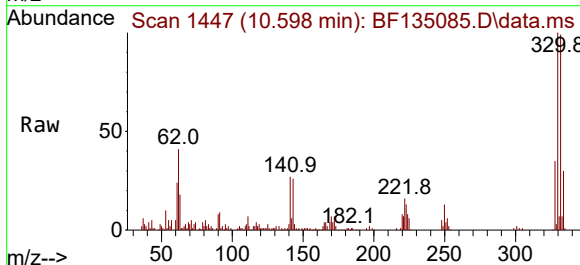
Tgt Ion:330 Resp: 46838

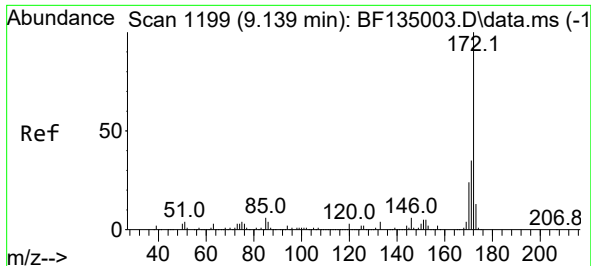
Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 32.6 26.3 39.5

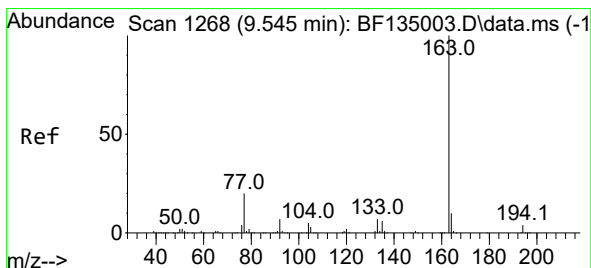
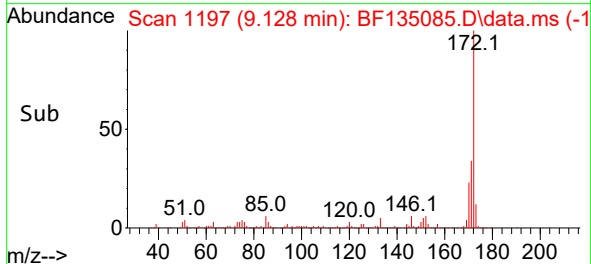
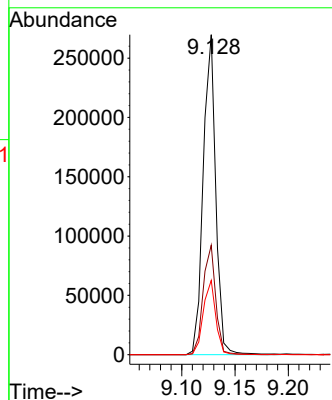
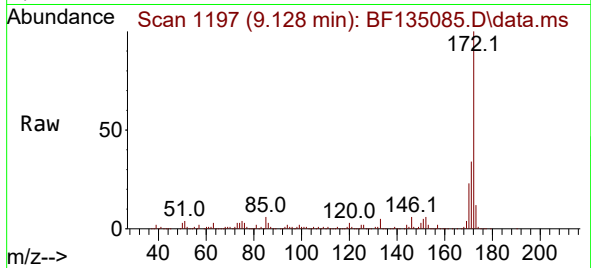




#45  
2-Fluorobiphenyl  
Concen: 28.786 ng  
RT: 9.128 min Scan# 1197  
Delta R.T. -0.012 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

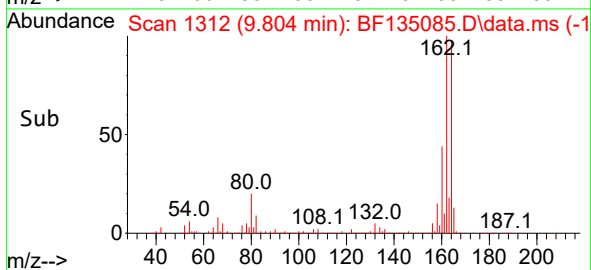
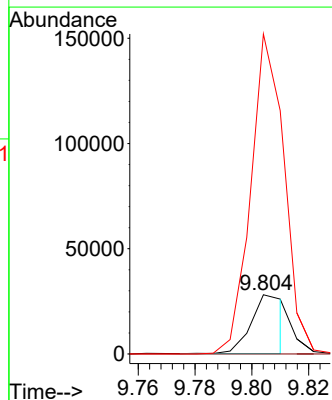
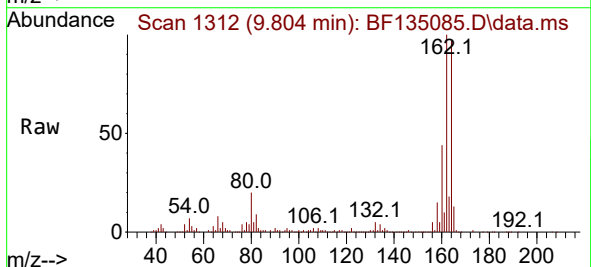
Instrument :  
BNA\_F  
ClientSampleId :  
TR-04-082923

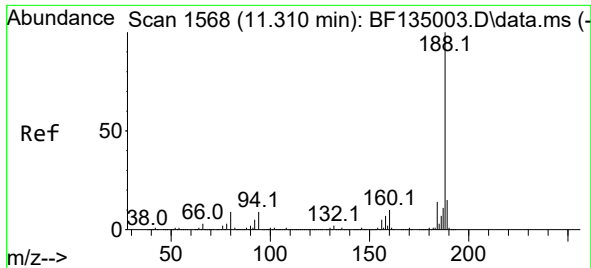
Tgt Ion:172 Resp: 221472  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.2 42.2  
170 23.2 19.0 28.4



#50  
Dimethylphthalate  
Concen: 2.609 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. 0.259 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

Tgt Ion:163 Resp: 22887  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 540.2 8.1 12.1#

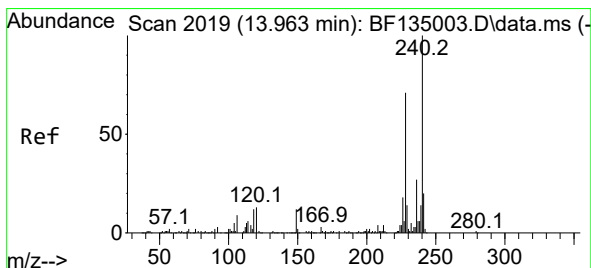
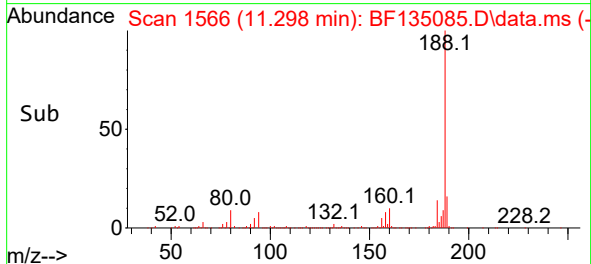
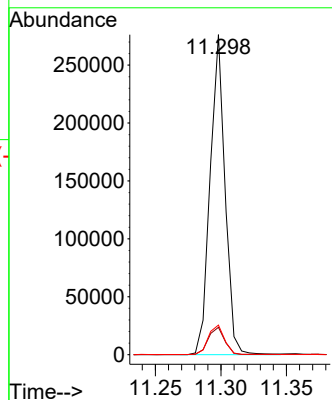
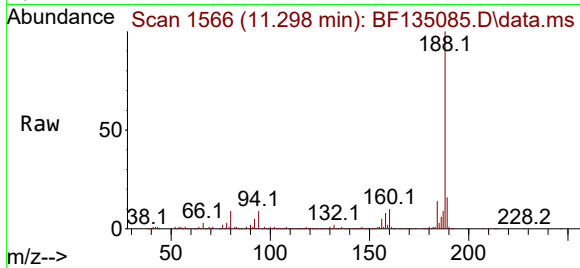




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

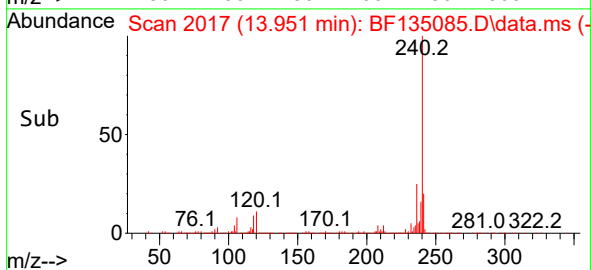
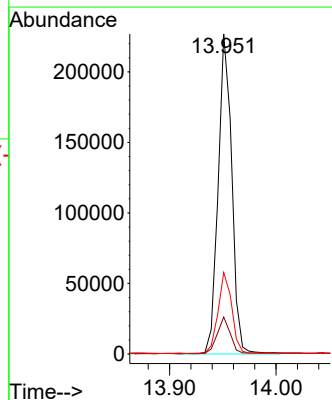
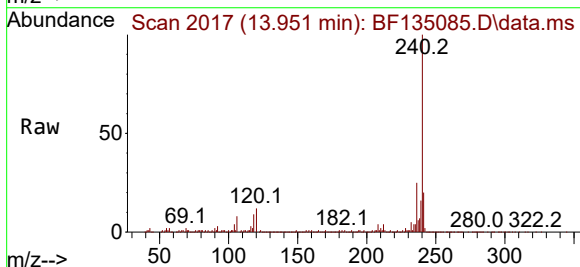
Instrument :  
BNA\_F  
ClientSampleId :  
TR-04-082923

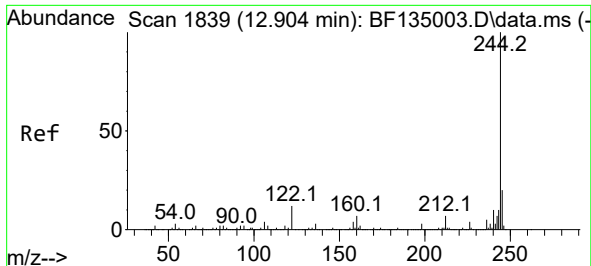
Tgt Ion:188 Resp: 219087  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.0 10.4  
80 9.2 7.4 11.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.012 min  
Lab File: BF135085.D  
Acq: 01 Sep 2023 19:49

Tgt Ion:240 Resp: 200843  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.2 15.2  
236 25.4 21.3 31.9

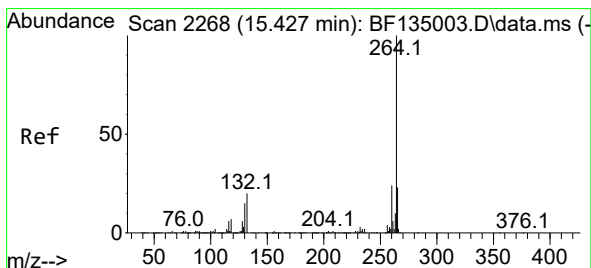
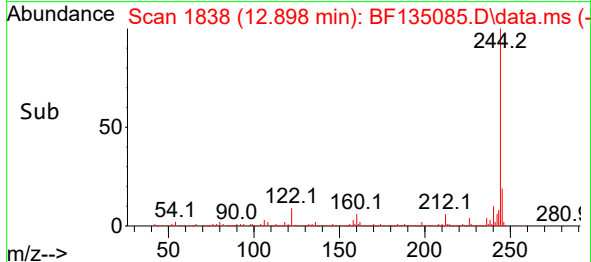
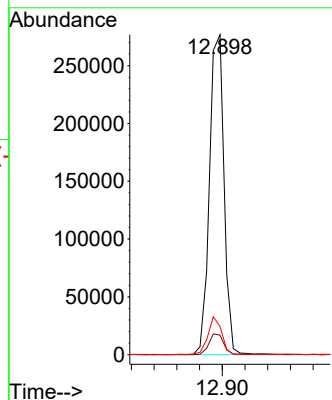
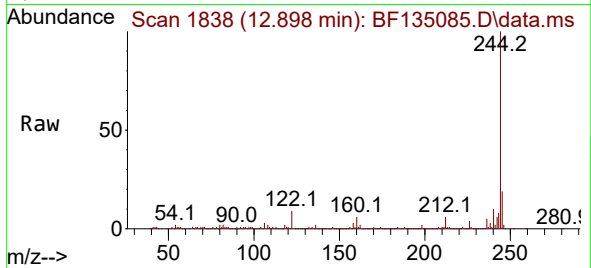




#79  
 Terphenyl-d14  
 Concen: 20.019 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF135085.D  
 Acq: 01 Sep 2023 19:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-04-082923

Tgt Ion:244 Resp: 246375  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.6 8.4  
 122 8.8 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: BF135085.D  
 Acq: 01 Sep 2023 19:49

Tgt Ion:264 Resp: 164541  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.0 28.6  
 265 21.1 18.2 27.2

