

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090723\  
 Data File : BF135143.D  
 Acq On : 07 Sep 2023 20:13  
 Operator : CG\JU  
 Sample : 04256-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2

Quant Time: Sep 08 01:54:20 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  | 95699    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 377287   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.810  | 164  | 189843   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.298 | 188  | 302137   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.957 | 240  | 180390   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.427 | 264  | 198591   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 603454   | 97.400 | ng    | 0.00     |
| 7) Phenol-d6                | 6.416  | 99   | 727147   | 94.160 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.334  | 82   | 444560   | 66.198 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 185202   | 91.965 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 691055   | 59.265 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.898 | 244  | 554819   | 50.192 | ng    | 0.00     |

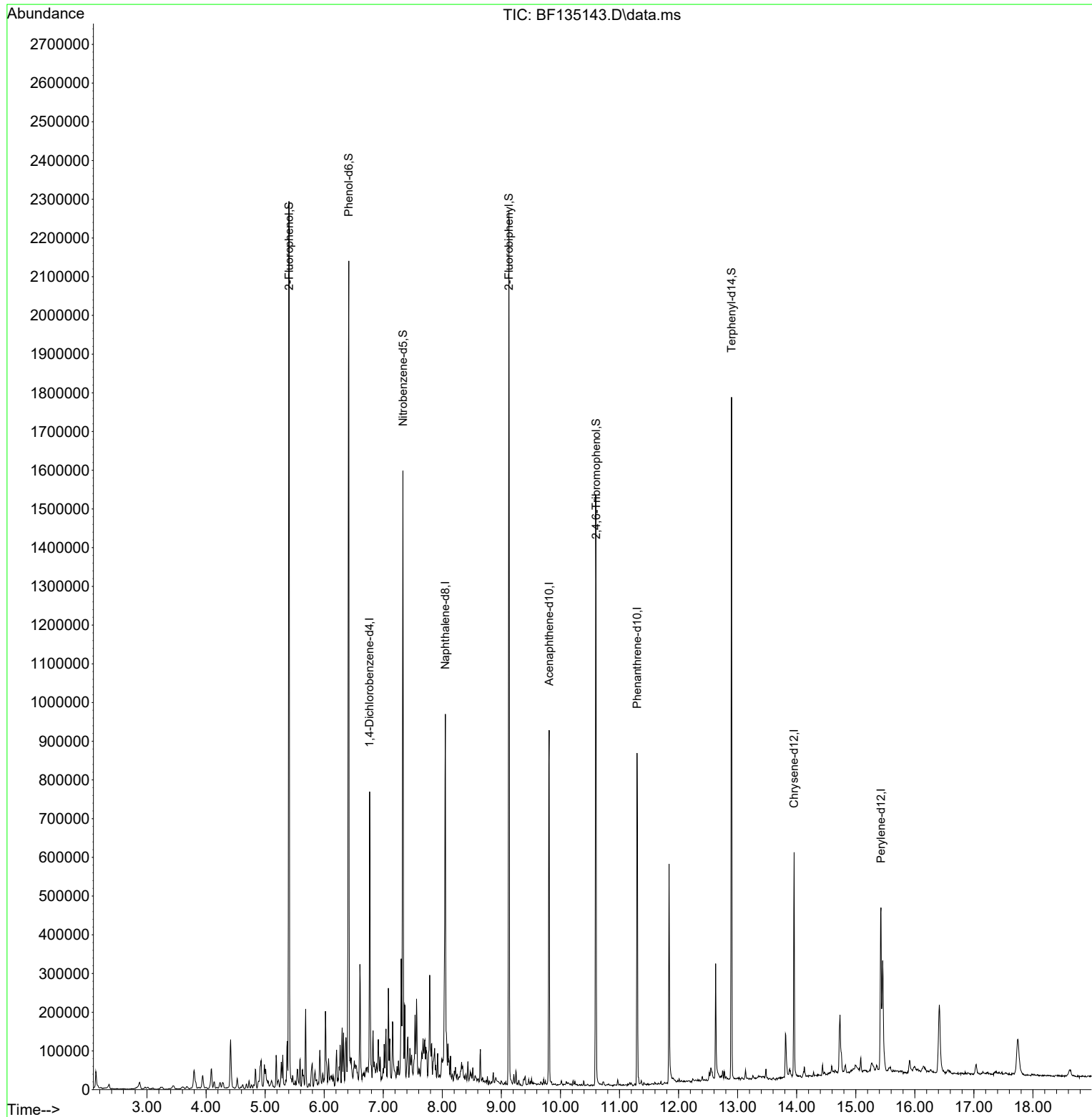
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

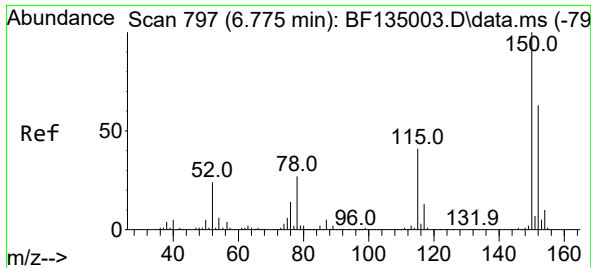
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 01:54:20 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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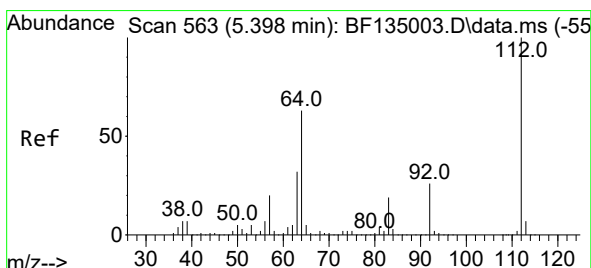
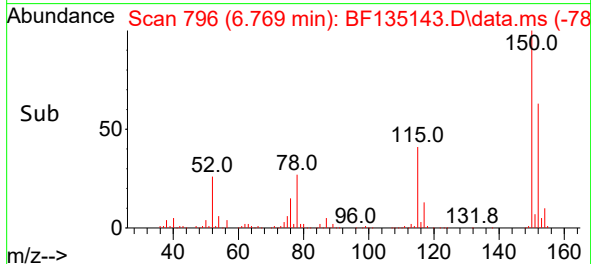
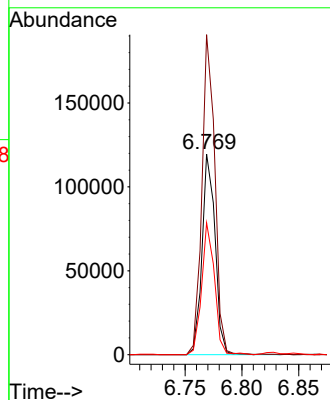
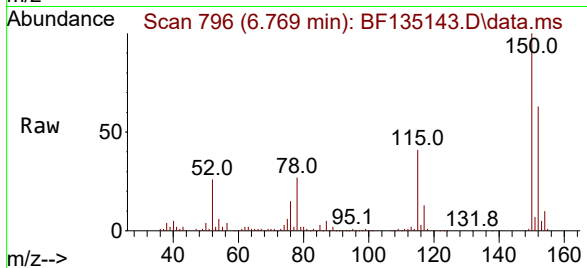




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135143.D  
Acq: 07 Sep 2023 20:13

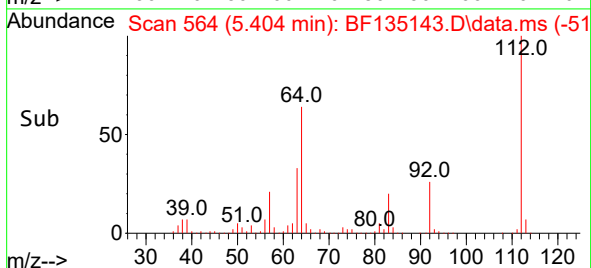
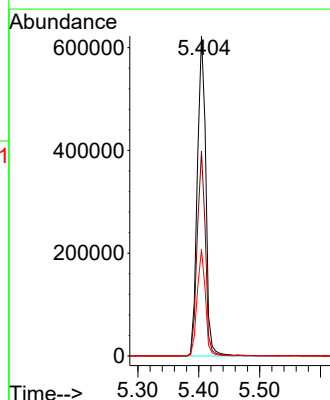
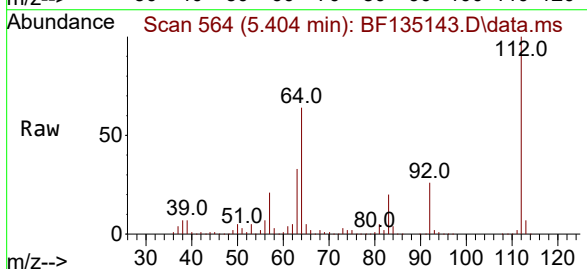
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2

Tgt Ion:152 Resp: 95699  
Ion Ratio Lower Upper  
152 100  
150 159.5 126.2 189.4  
115 65.7 51.2 76.8



#5  
2-Fluorophenol  
Concen: 97.400 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: BF135143.D  
Acq: 07 Sep 2023 20:13

Tgt Ion:112 Resp: 603454  
Ion Ratio Lower Upper  
112 100  
64 63.9 50.5 75.7  
63 33.3 25.9 38.9





#7

Phenol-d6

Concen: 94.160 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA\_F

ClientSampleId :

MW-2

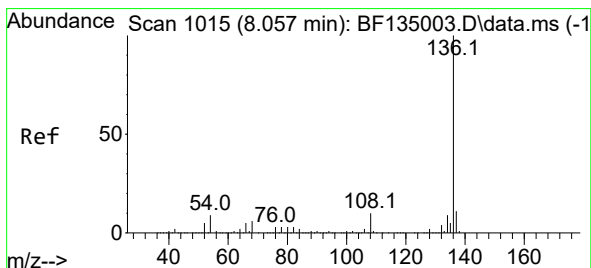
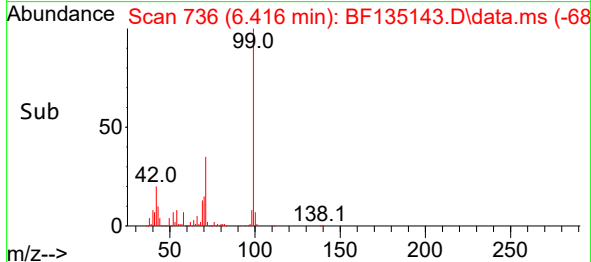
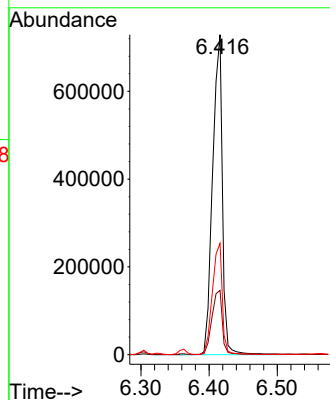
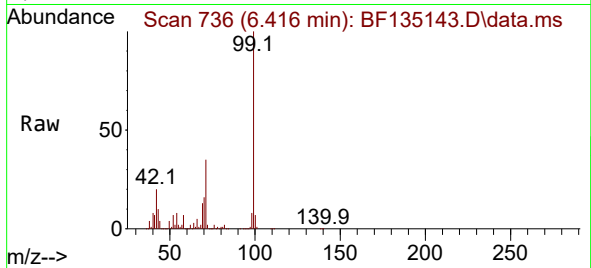
Tgt Ion: 99 Resp: 727147

Ion Ratio Lower Upper

99 100

42 20.1 16.6 25.0

71 34.8 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: BF135143.D

Acq: 07 Sep 2023 20:13

Tgt Ion:136 Resp: 377287

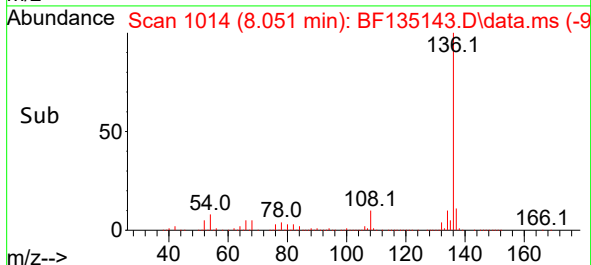
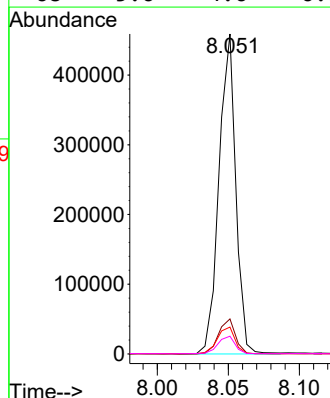
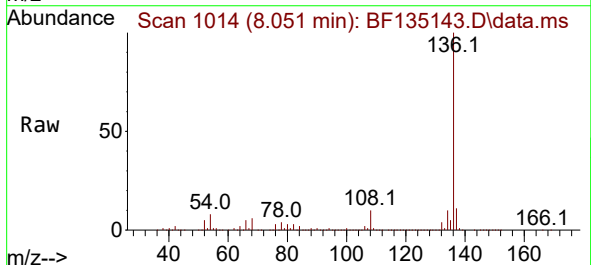
Ion Ratio Lower Upper

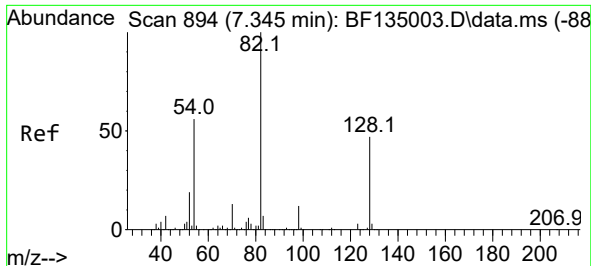
136 100

137 10.9 8.8 13.2

54 8.4 7.0 10.4

68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.198 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

Instrument :

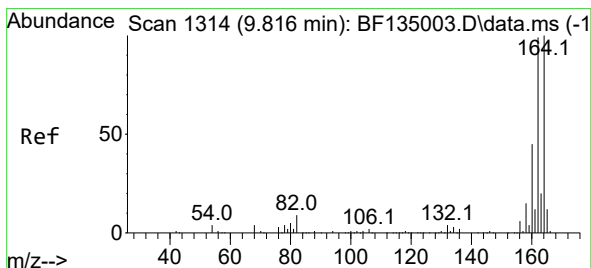
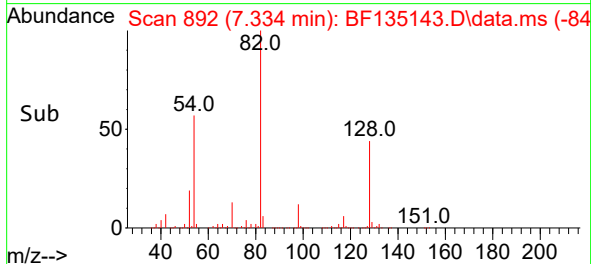
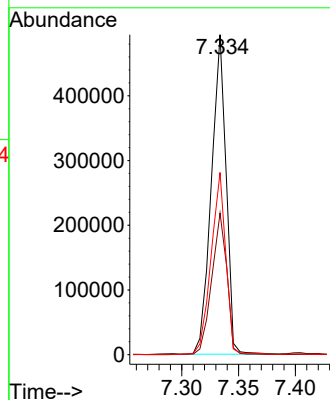
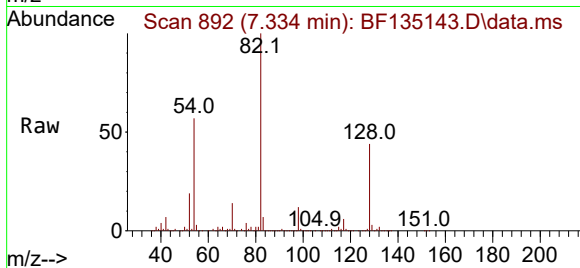
BNA\_F

ClientSampleId :

MW-2

Tgt Ion: 82 Resp: 444560

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.2  | 37.8  | 56.8  |
| 54  | 57.0  | 45.0  | 67.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

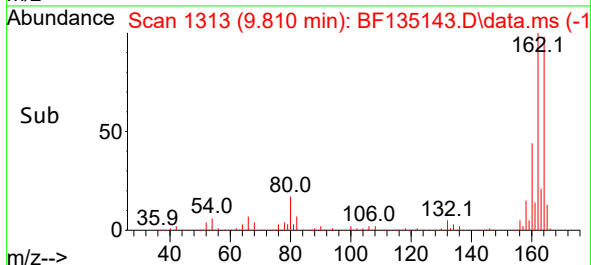
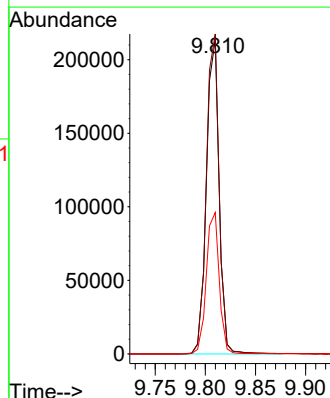
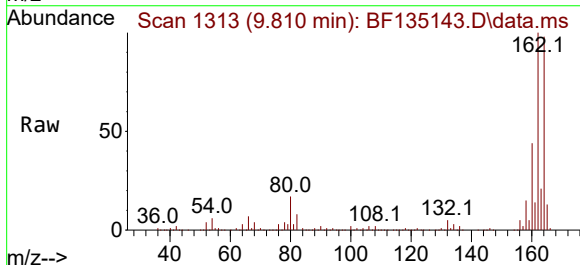
Delta R.T. -0.006 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

Tgt Ion: 164 Resp: 189843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.8 | 79.5  | 119.3 |
| 160 | 45.0  | 36.0  | 54.0  |





#42

2,4,6-Tribromophenol

Concen: 91.965 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA\_F

ClientSampleId :

MW-2

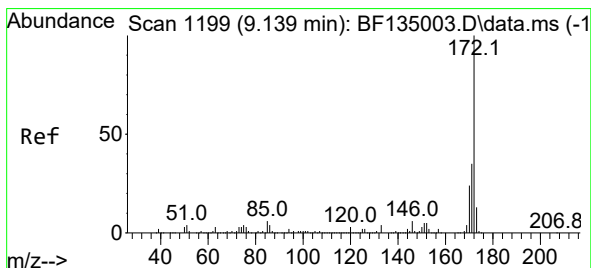
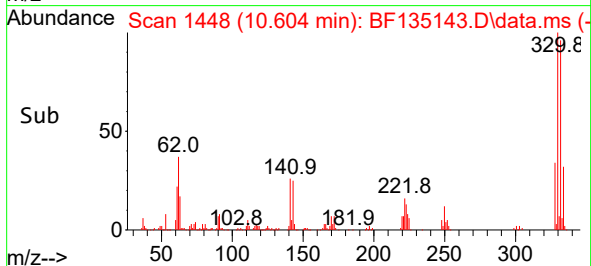
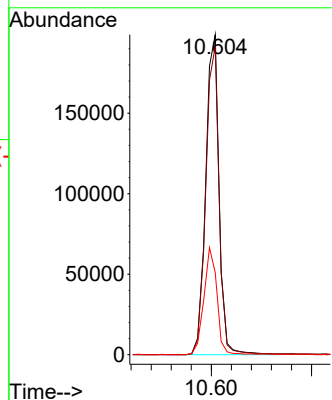
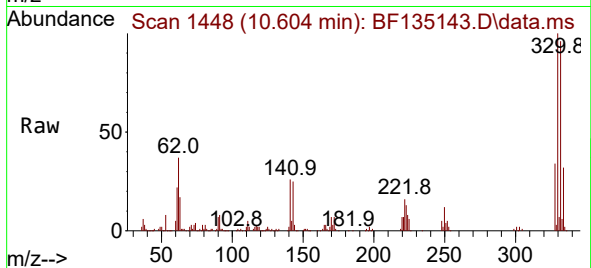
Tgt Ion:330 Resp: 185202

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 59.265 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

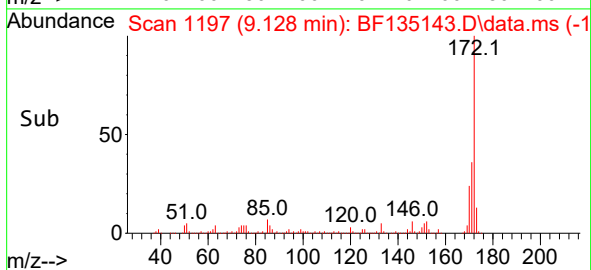
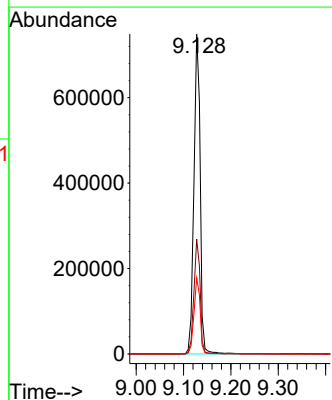
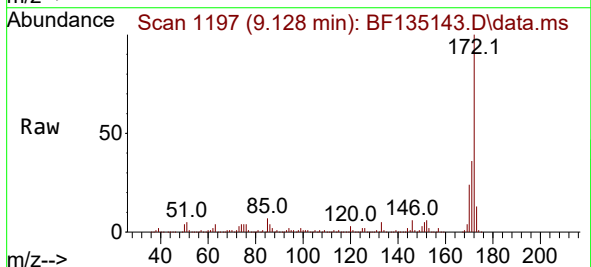
Tgt Ion:172 Resp: 691055

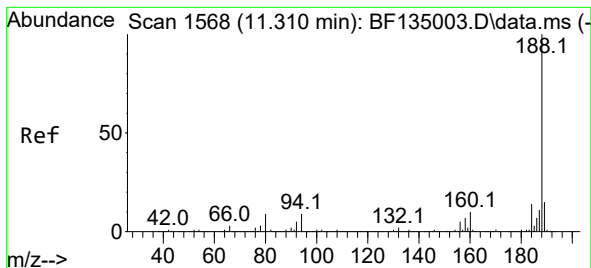
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135143.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA\_F

ClientSampleId :

MW-2

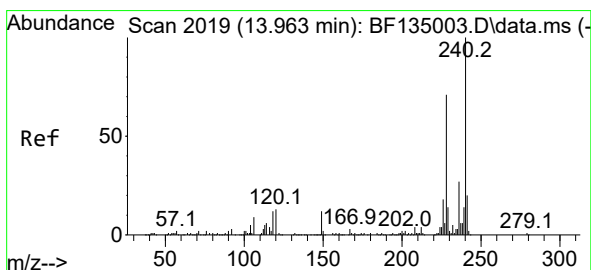
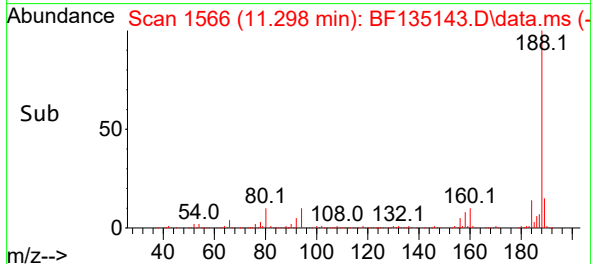
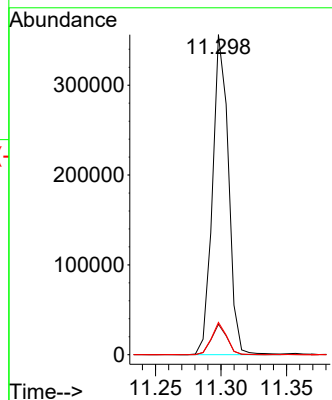
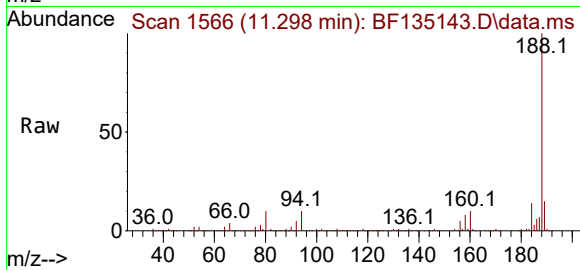
Tgt Ion:188 Resp: 302137

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.1 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: BF135143.D

Acq: 07 Sep 2023 20:13

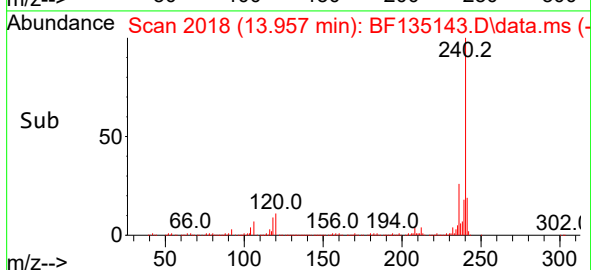
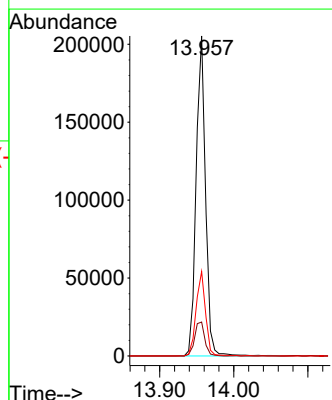
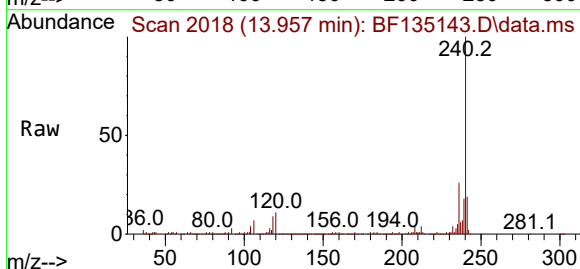
Tgt Ion:240 Resp: 180390

Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.2

236 26.4 21.3 31.9

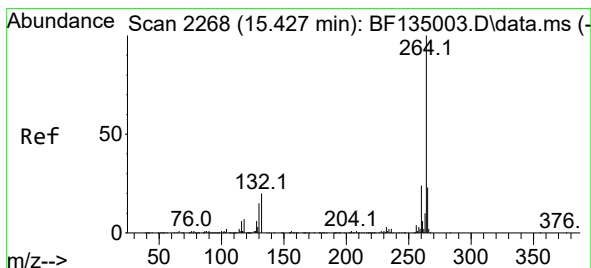
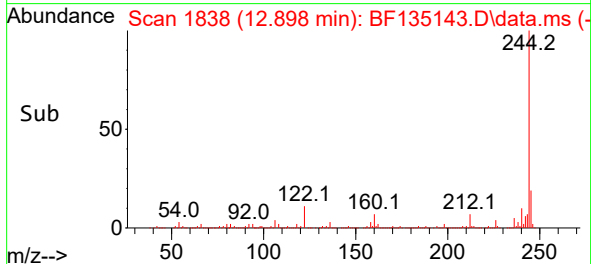
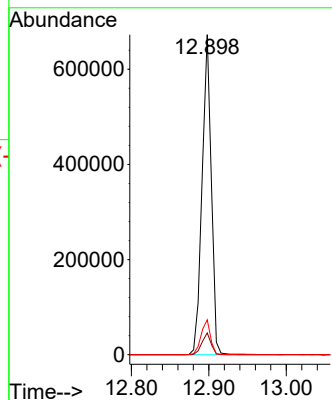
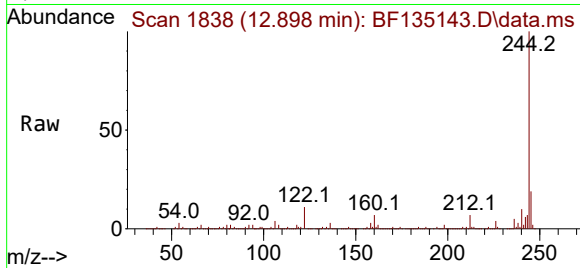




#79  
 Terphenyl-d14  
 Concen: 50.192 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF135143.D  
 Acq: 07 Sep 2023 20:13

Instrument :  
 BNA\_F  
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 MW-2

Tgt Ion:244 Resp: 554819  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.9 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: BF135143.D  
 Acq: 07 Sep 2023 20:13

Tgt Ion:264 Resp: 198591  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.6  
 265 21.8 18.2 27.2

