

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031524\  
 Data File : BF137615.D  
 Acq On : 15 Mar 2024 18:08  
 Operator : CG\JU  
 Sample : P1747-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01

Quant Time: Mar 15 18:37:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 122193   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.004  | 136  | 480505   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.757  | 164  | 271859   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.239 | 188  | 476309   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.874 | 240  | 380092   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.298 | 264  | 326161   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 338210   | 41.920 | ng    | 0.00     |
| 7) Phenol-d6                | 6.357  | 99   | 264941   | 22.750 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.292  | 82   | 902992   | 87.318 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 236143   | 98.913 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.086  | 172  | 1504691  | 86.640 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.827 | 244  | 1726159  | 62.449 | ng    | 0.00     |

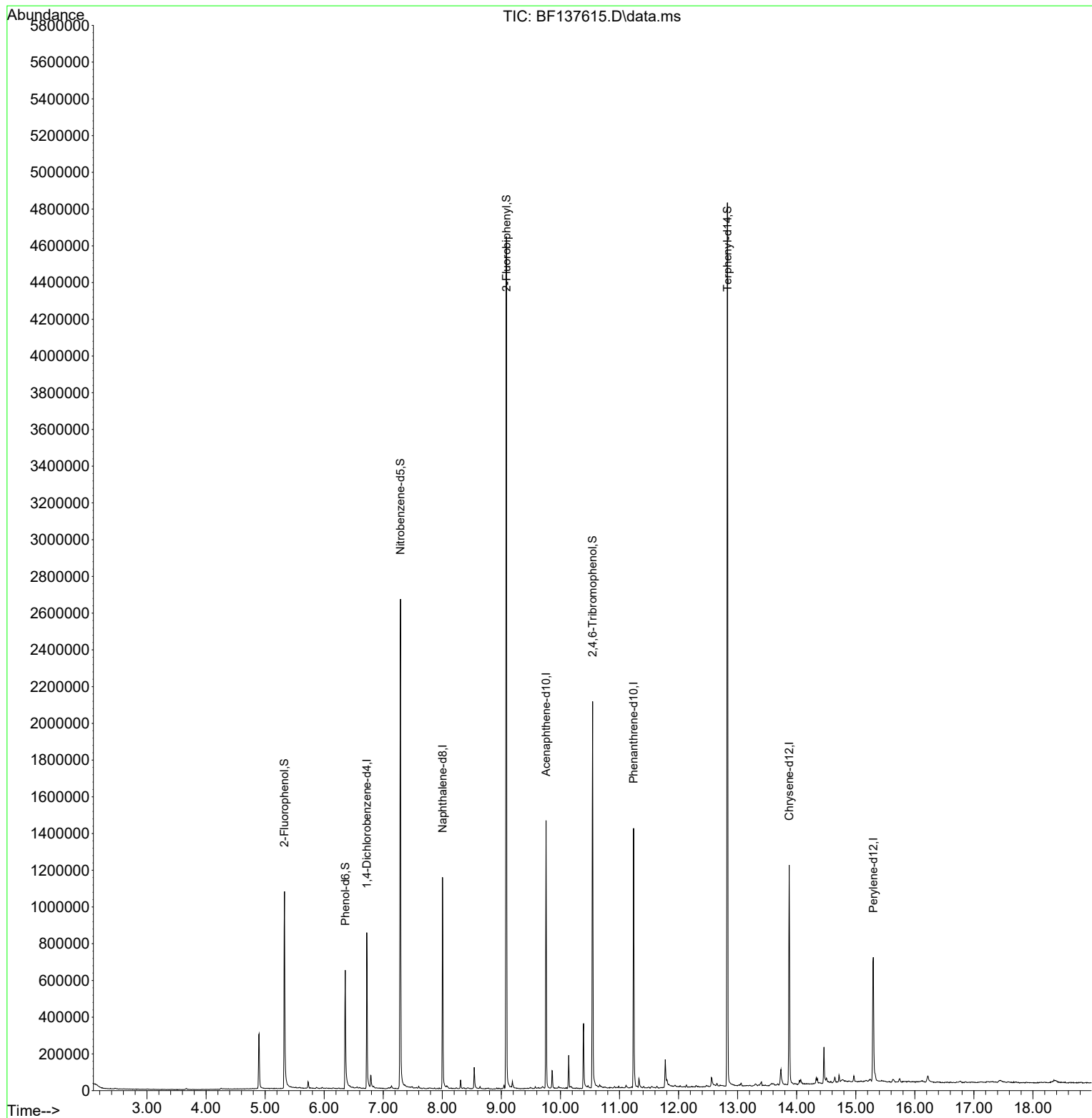
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

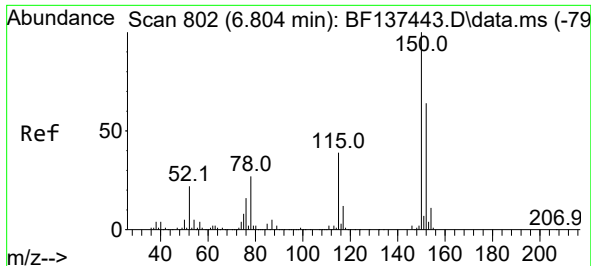
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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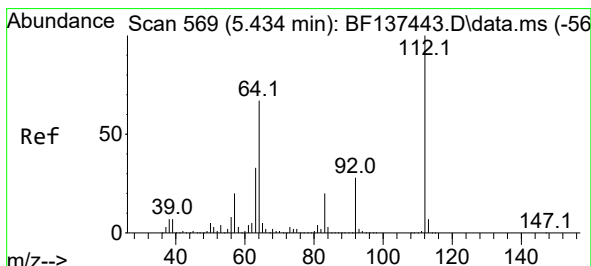
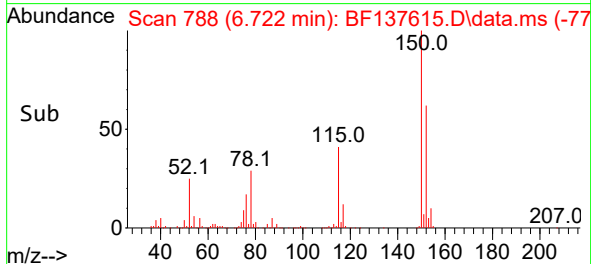
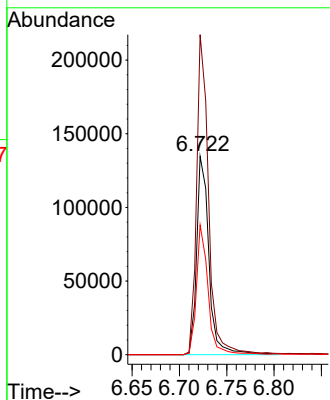
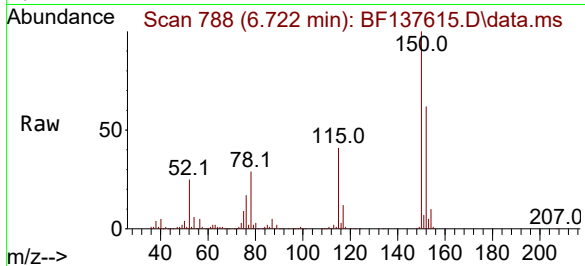




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.722 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

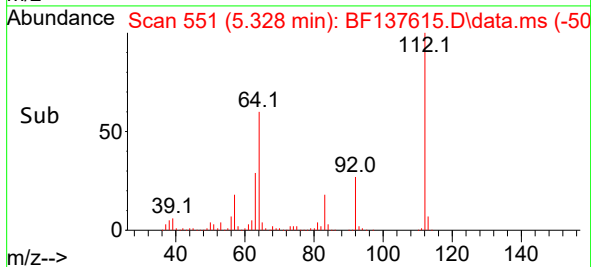
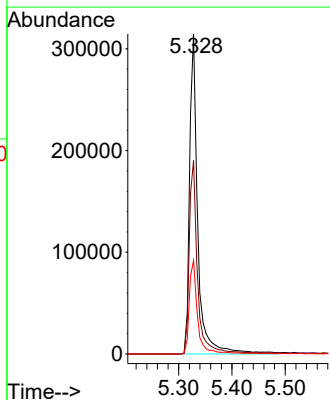
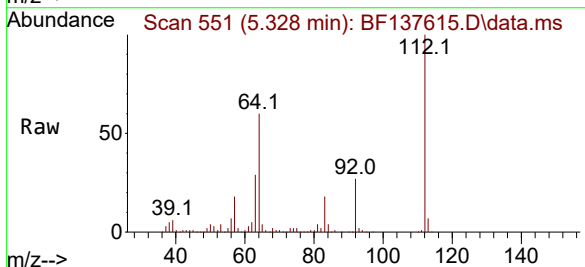
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

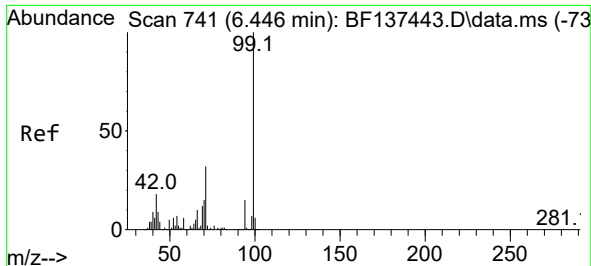
Tgt Ion:152 Resp: 122193  
Ion Ratio Lower Upper  
152 100  
150 161.4 125.8 188.6  
115 65.4 48.8 73.2



#5  
2-Fluorophenol  
Concen: 41.920 ng  
RT: 5.328 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

Tgt Ion:112 Resp: 338210  
Ion Ratio Lower Upper  
112 100  
64 60.5 53.4 80.2  
63 29.2 26.2 39.2

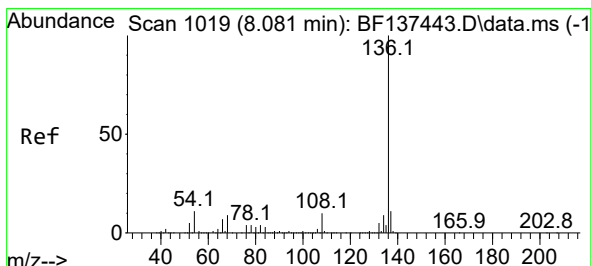
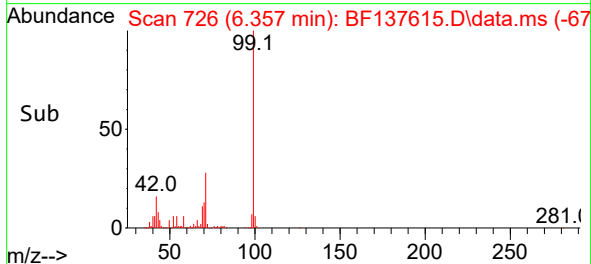
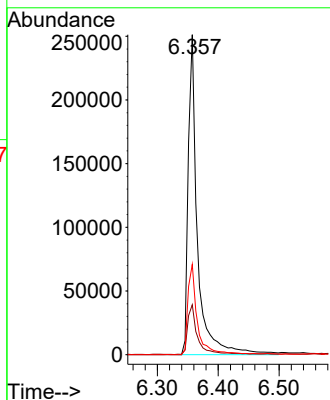
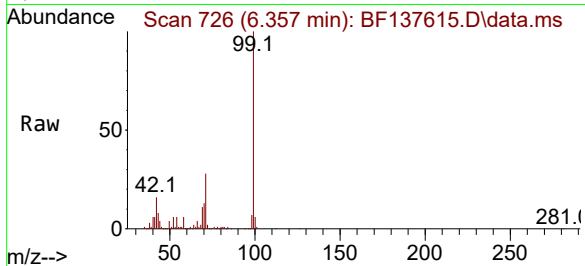




#7  
Phenol-d6  
Concen: 22.750 ng  
RT: 6.357 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

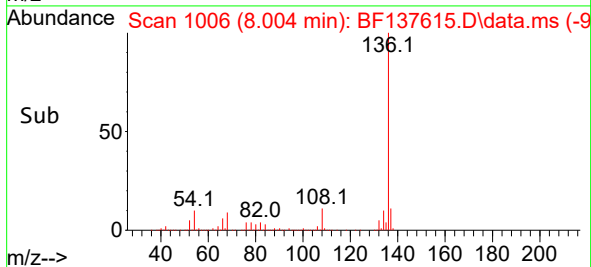
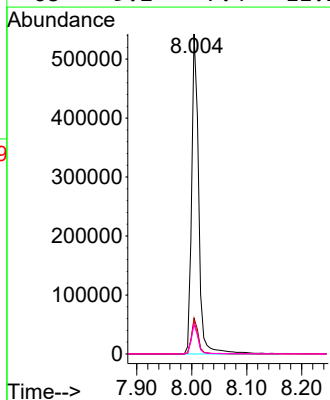
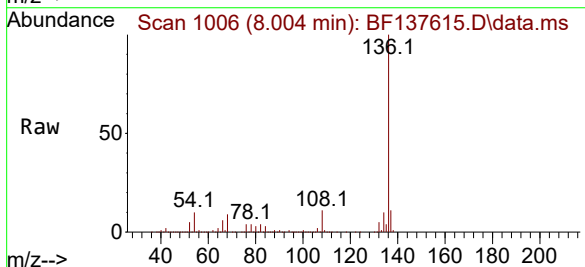
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

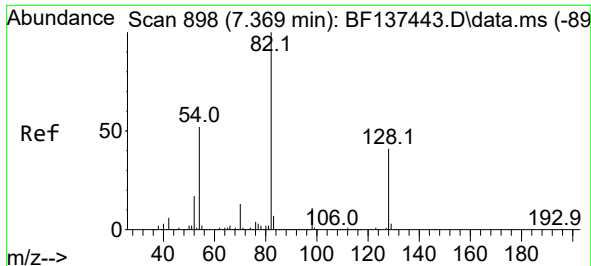
Tgt Ion: 99 Resp: 264941  
Ion Ratio Lower Upper  
99 100  
42 15.6 14.6 21.8  
71 28.2 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

Tgt Ion: 136 Resp: 480505  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 10.4 8.5 12.7  
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 87.318 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

Instrument :

BNA\_F

ClientSampleId :

MW-01

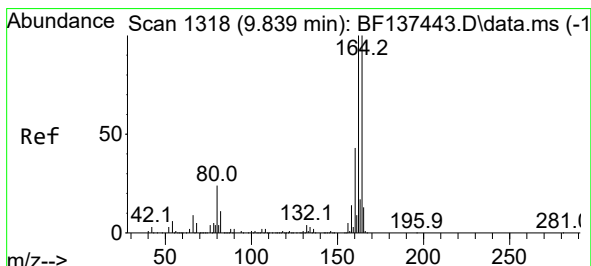
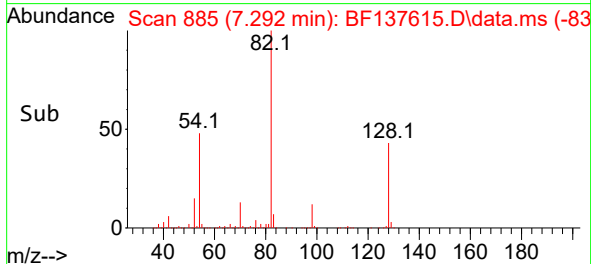
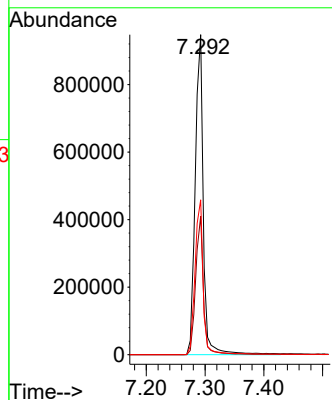
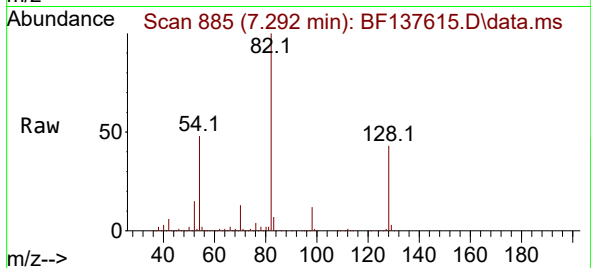
Tgt Ion: 82 Resp: 902992

Ion Ratio Lower Upper

82 100

128 43.3 32.5 48.7

54 48.4 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137615.D

Acq: 15 Mar 2024 18:08

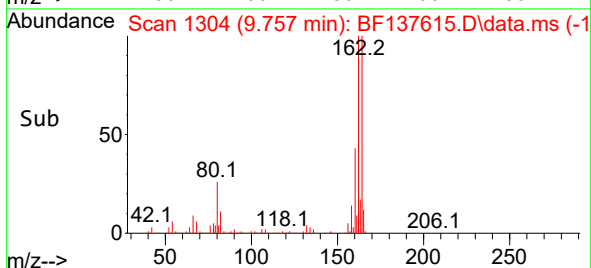
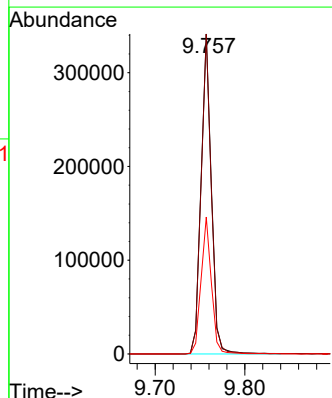
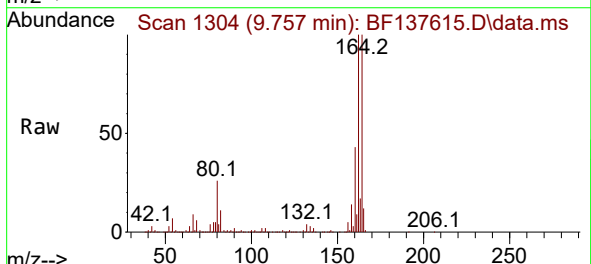
Tgt Ion: 164 Resp: 271859

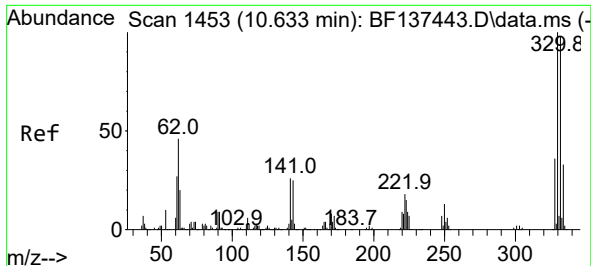
Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

160 42.8 34.4 51.6

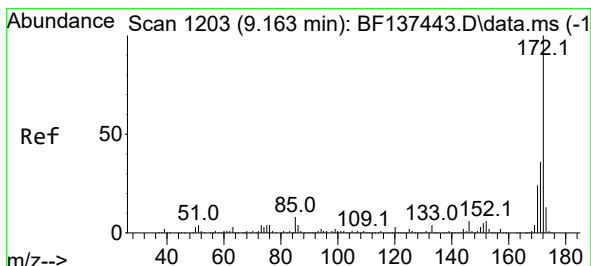
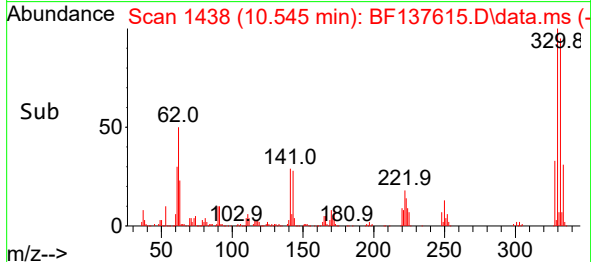
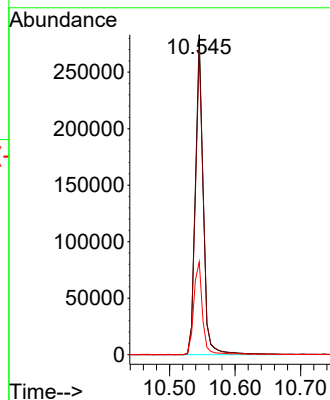
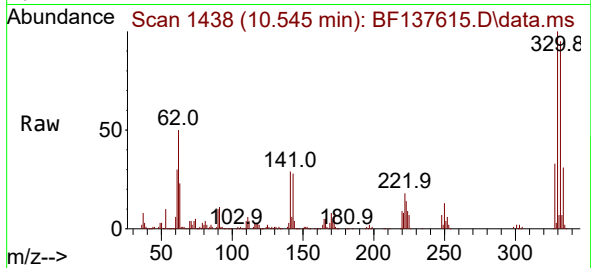




#42  
2,4,6-Tribromophenol  
Concen: 98.913 ng  
RT: 10.545 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

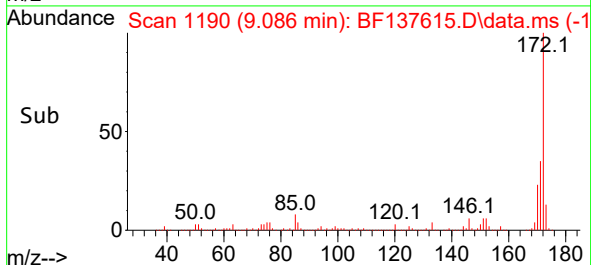
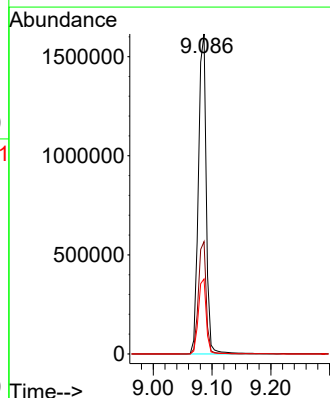
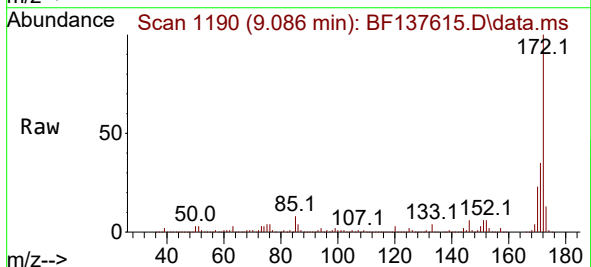
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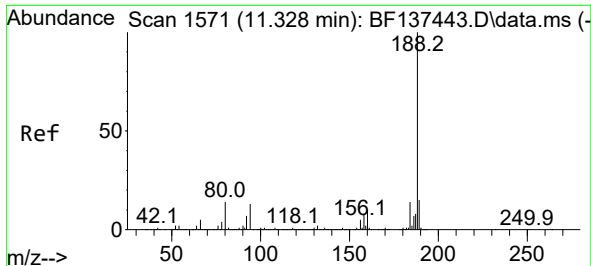
Tgt Ion:330 Resp: 236143  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.0 117.0  
141 32.4 27.3 40.9



#45  
2-Fluorobiphenyl  
Concen: 86.640 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

Tgt Ion:172 Resp: 1504691  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.5 42.7  
170 23.5 19.0 28.6

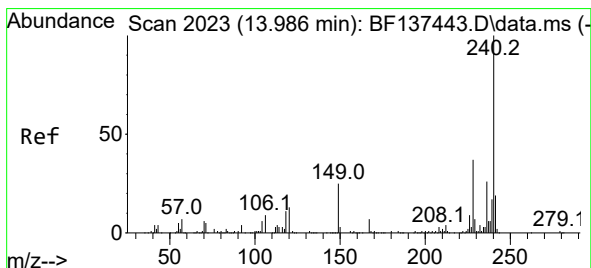
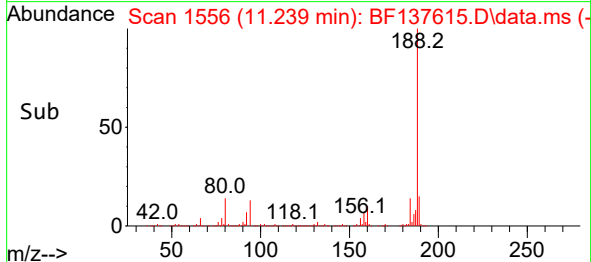
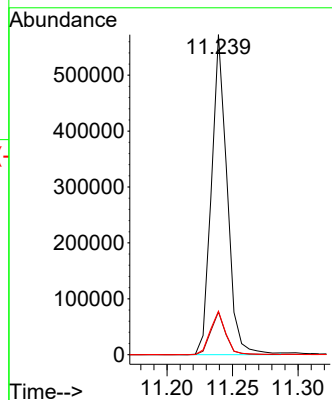
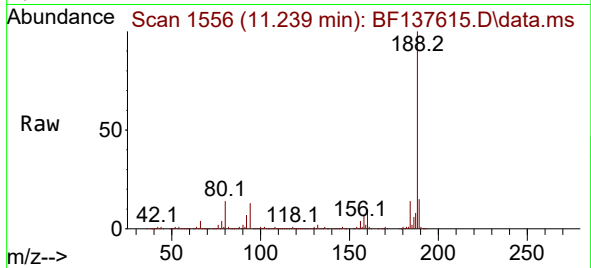




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

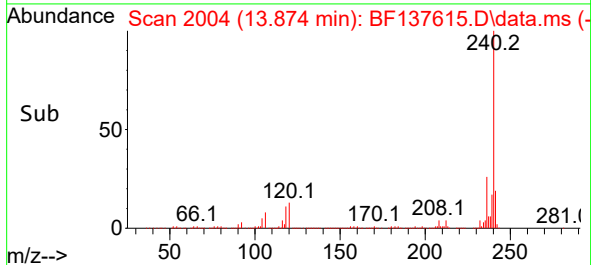
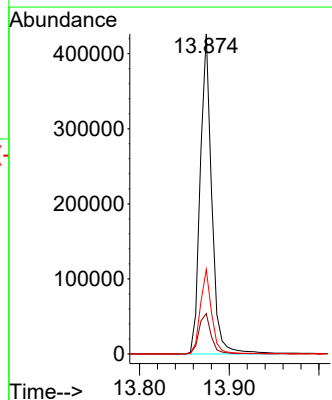
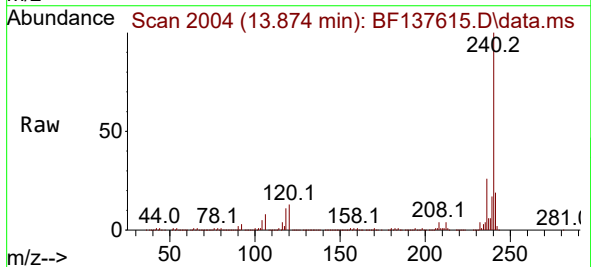
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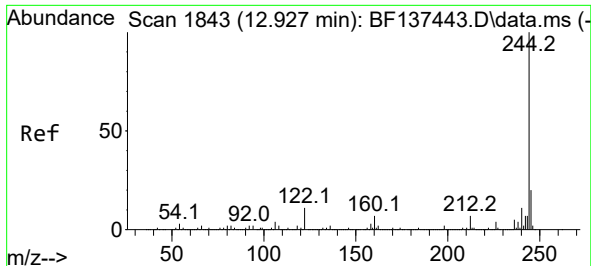
Tgt Ion:188 Resp: 476309  
Ion Ratio Lower Upper  
188 100  
94 13.3 10.6 15.8  
80 13.6 11.5 17.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.000 min  
Lab File: BF137615.D  
Acq: 15 Mar 2024 18:08

Tgt Ion:240 Resp: 380092  
Ion Ratio Lower Upper  
240 100  
120 12.6 10.4 15.6  
236 26.4 20.9 31.3

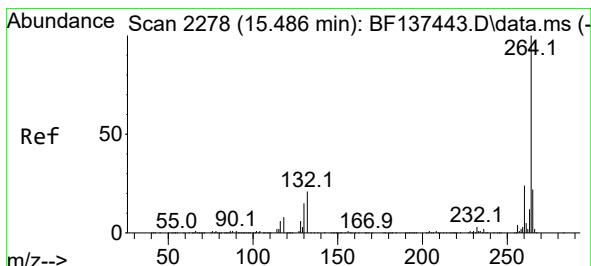
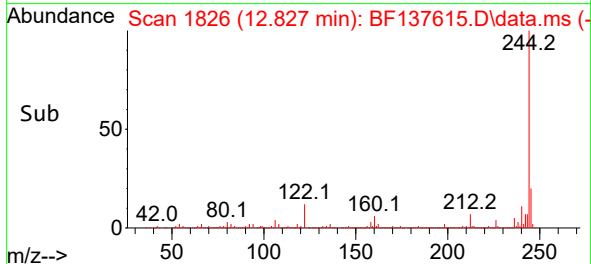
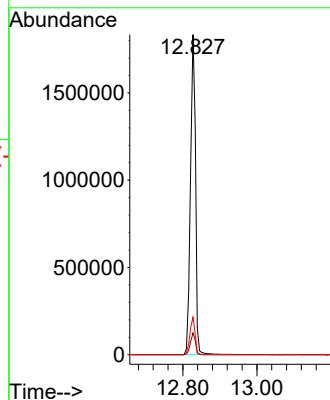
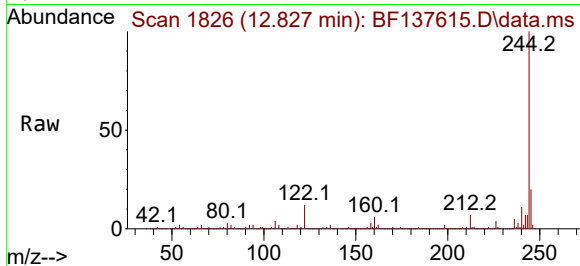




#79  
 Terphenyl-d14  
 Concen: 62.449 ng  
 RT: 12.827 min Scan# 1843  
 Delta R.T. -0.000 min  
 Lab File: BF137615.D  
 Acq: 15 Mar 2024 18:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01

Tgt Ion:244 Resp: 1726159  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 11.7 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.298 min Scan# 2246  
 Delta R.T. -0.000 min  
 Lab File: BF137615.D  
 Acq: 15 Mar 2024 18:08

Tgt Ion:264 Resp: 326161  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.3 28.9  
 265 22.6 17.4 26.0

