

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060624\  
 Data File : BF138139.D  
 Acq On : 06 Jun 2024 18:13  
 Operator : CG\JU  
 Sample : P2715-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TPM

Quant Time: Jun 07 03:15:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 06 05:19:29 2024  
 Response via : Initial Calibration

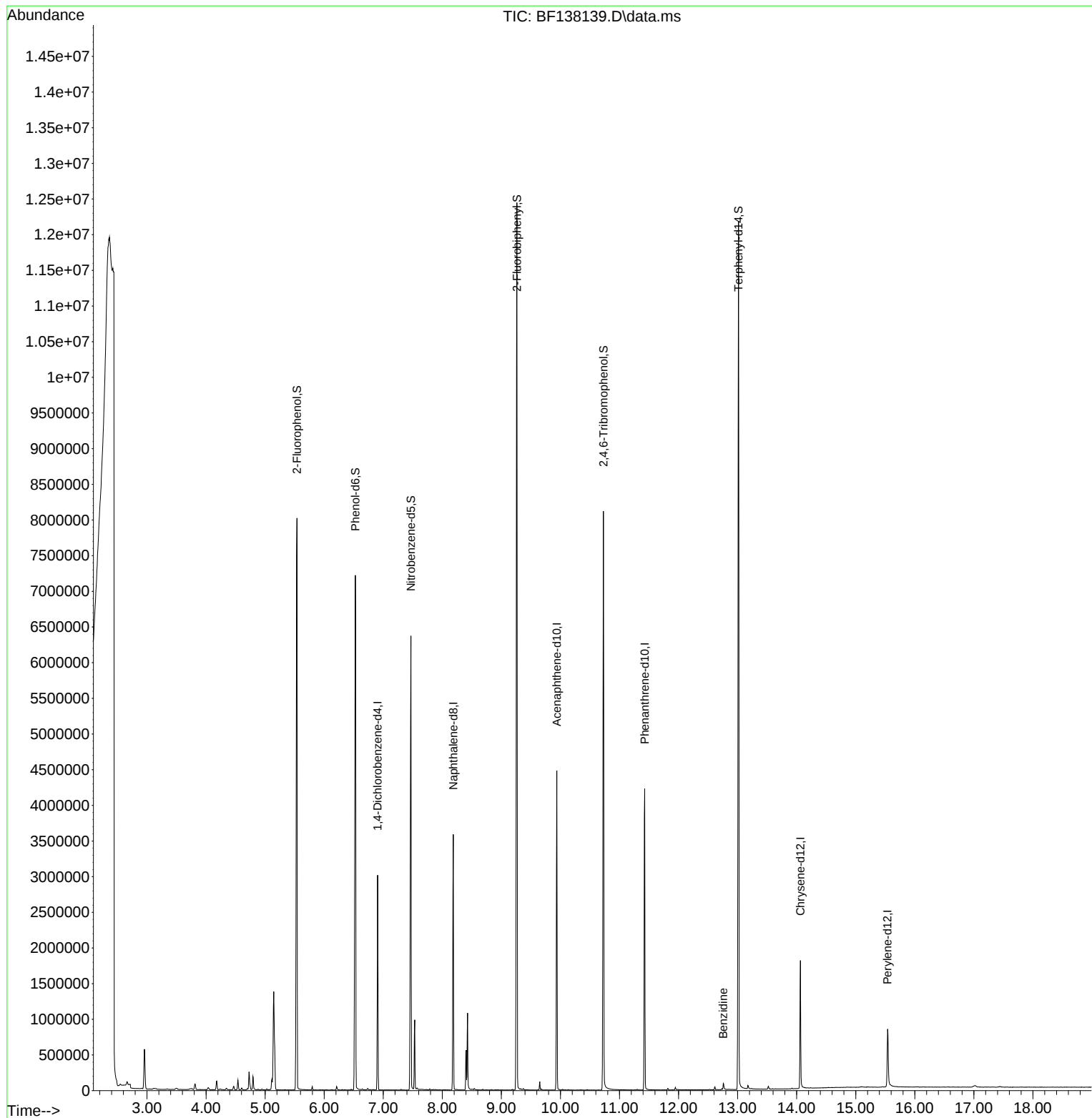
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 396003   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.186  | 136  | 1511058  | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.939  | 164  | 866791   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.427 | 188  | 1553561  | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.063 | 240  | 604978   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12            | 15.539 | 264  | 463036   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.540  | 112  | 2572014  | 110.689 | ng    | 0.01      |
| 7) Phenol-d6                | 6.528  | 99   | 3060858  | 104.113 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 2046986  | 92.168  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 1150240  | 137.889 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 4115766  | 83.026  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.016 | 244  | 4667814  | 115.406 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 77) Benzidine               | 12.757 | 184  | 42811    | 6.877   | ng    | Qvalue 96 |
| -----                       |        |      |          |         |       |           |

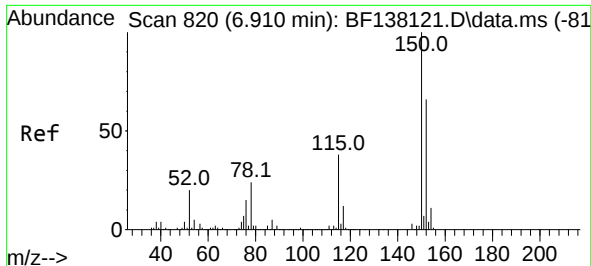
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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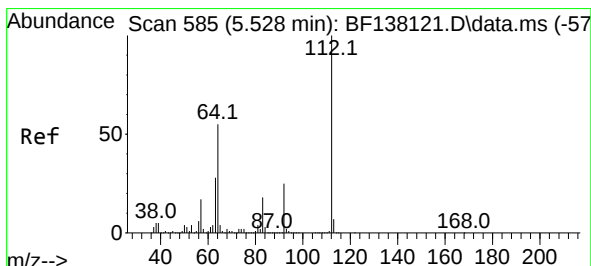
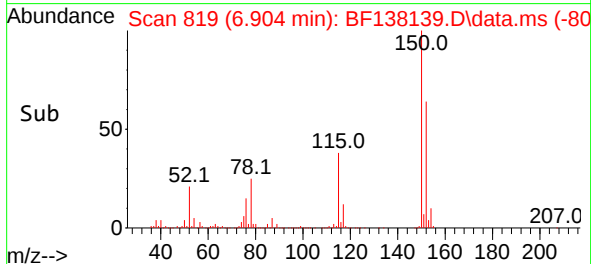
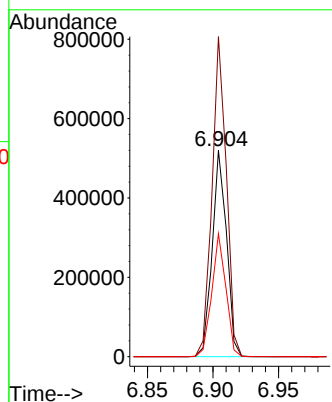
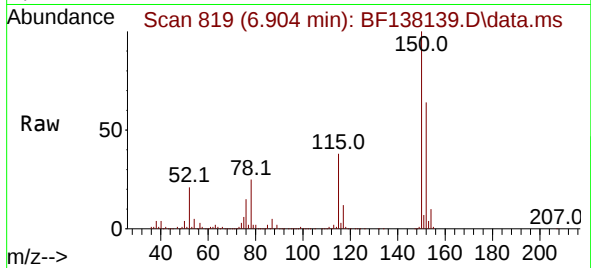




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 819  
 Delta R.T. -0.006 min  
 Lab File: BF138139.D  
 Acq: 06 Jun 2024 18:13

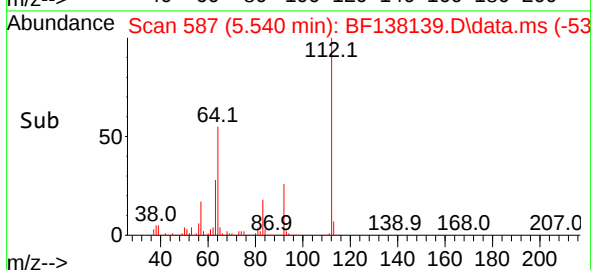
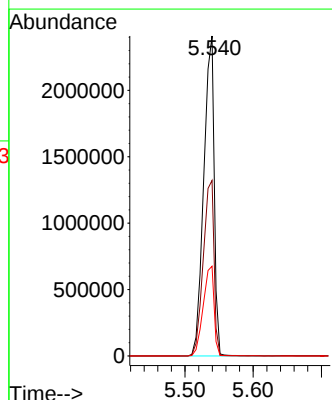
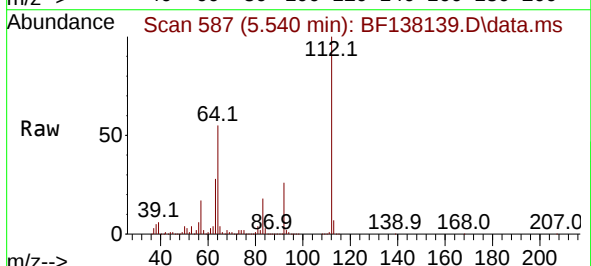
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WCS-TPM

Tgt Ion:152 Resp: 396003  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 121.8 182.6  
 115 59.7 46.2 69.2



#5  
 2-Fluorophenol  
 Concen: 110.689 ng  
 RT: 5.540 min Scan# 587  
 Delta R.T. 0.012 min  
 Lab File: BF138139.D  
 Acq: 06 Jun 2024 18:13

Tgt Ion:112 Resp: 2572014  
 Ion Ratio Lower Upper  
 112 100  
 64 54.9 44.0 66.0  
 63 28.1 22.1 33.1

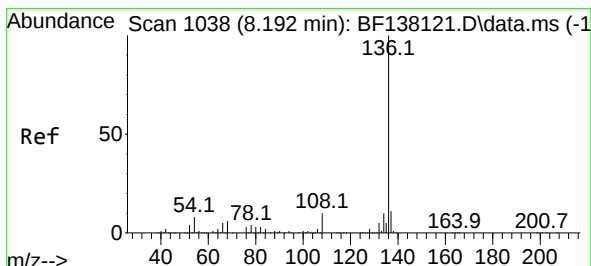
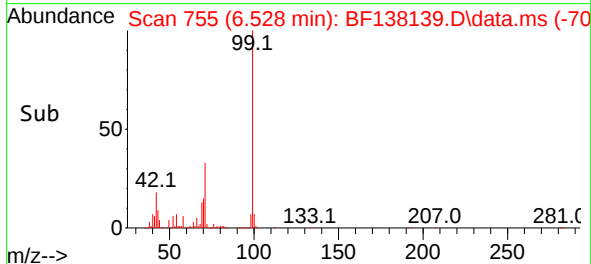
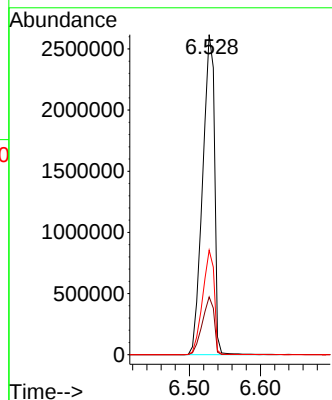
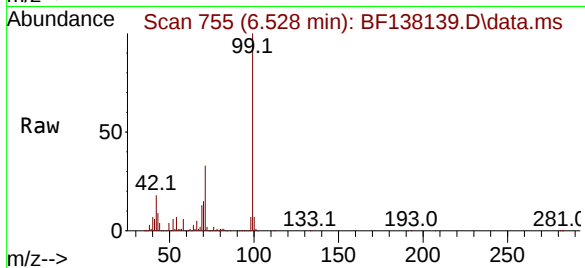




#7  
Phenol-d6  
Concen: 104.113 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

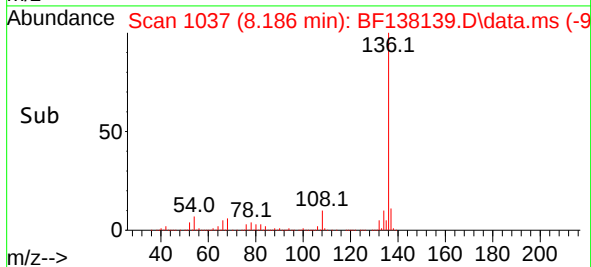
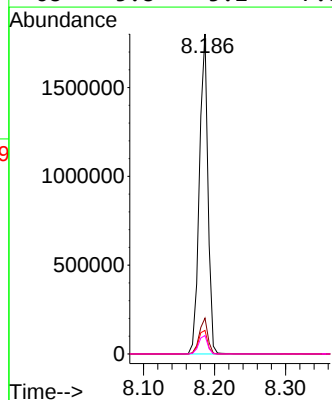
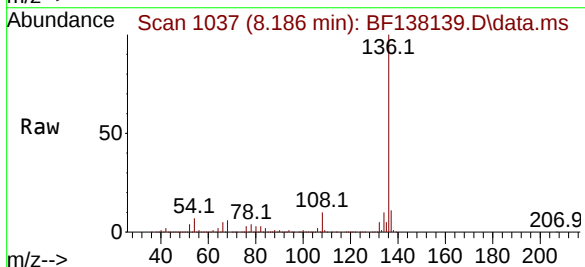
Instrument :  
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ClientSampleId :  
WCS-TPM

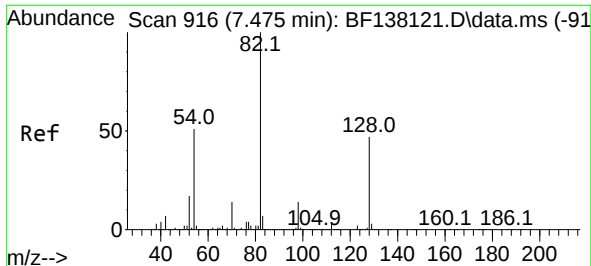
Tgt Ion: 99 Resp: 3060858  
Ion Ratio Lower Upper  
99 100  
42 18.1 14.4 21.6  
71 32.7 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

Tgt Ion:136 Resp: 1511058  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 7.3 6.2 9.2  
68 5.8 5.2 7.8

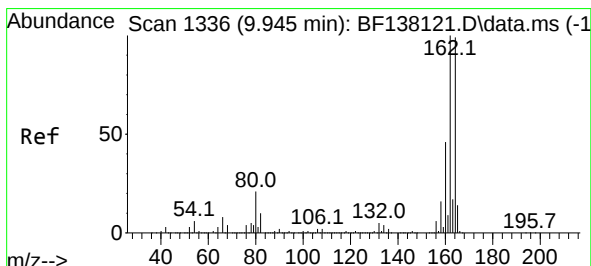
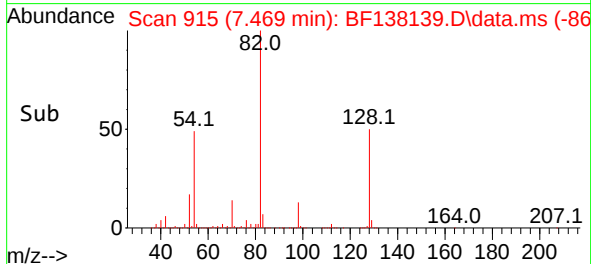
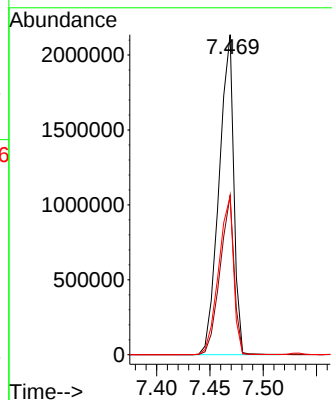
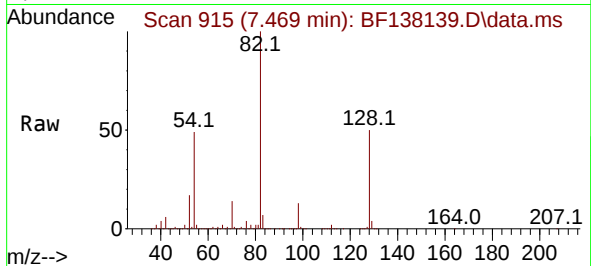




#23  
Nitrobenzene-d5  
Concen: 92.168 ng  
RT: 7.469 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

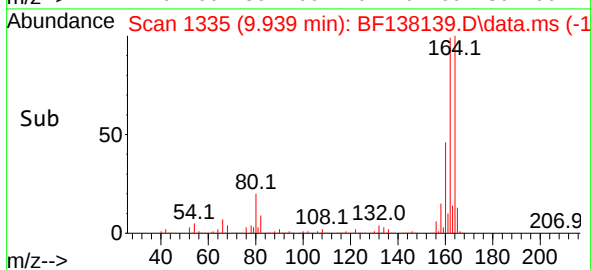
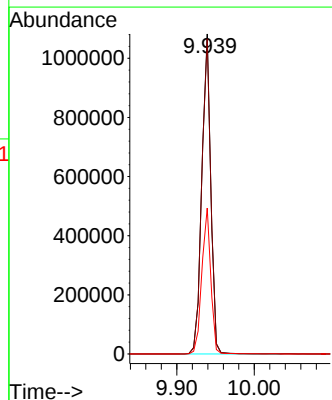
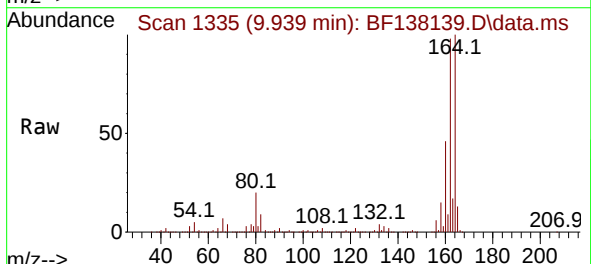
Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TPM

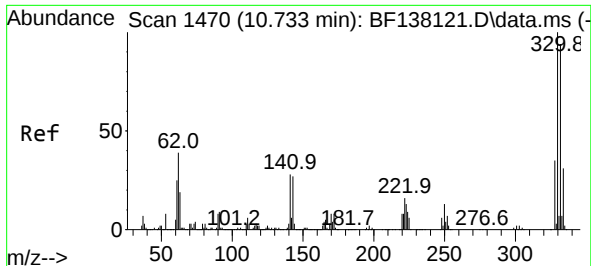
Tgt Ion: 82 Resp: 2046986  
Ion Ratio Lower Upper  
82 100  
128 49.7 37.7 56.5  
54 49.4 40.8 61.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

Tgt Ion:164 Resp: 866791  
Ion Ratio Lower Upper  
164 100  
162 98.5 80.9 121.3  
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 137.889 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

BNA\_F

ClientSampleId :

WCS-TPM

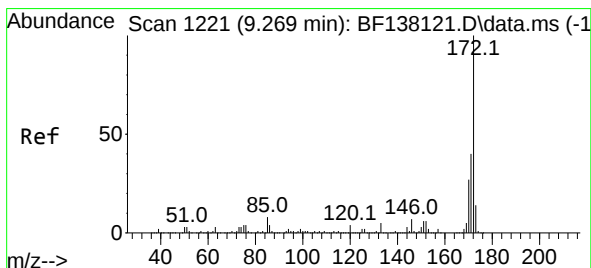
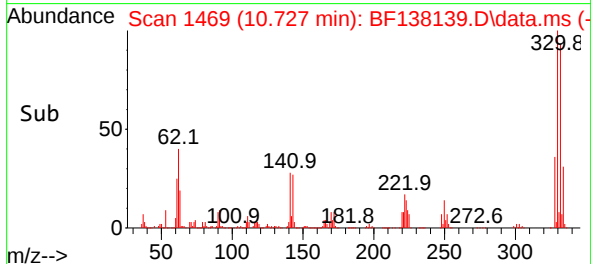
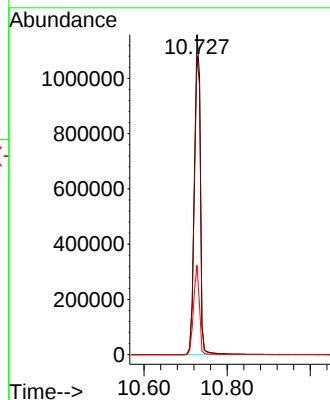
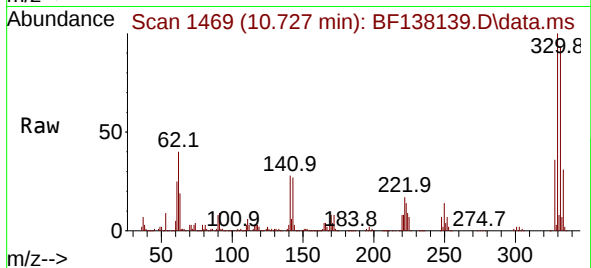
Tgt Ion:330 Resp: 1150240

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 27.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 83.026 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

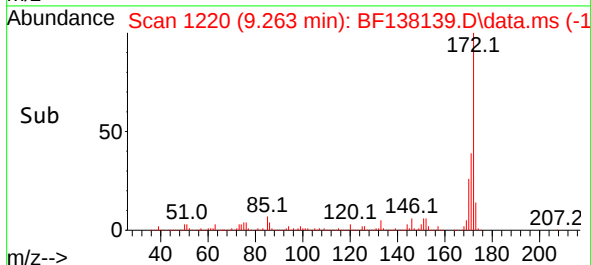
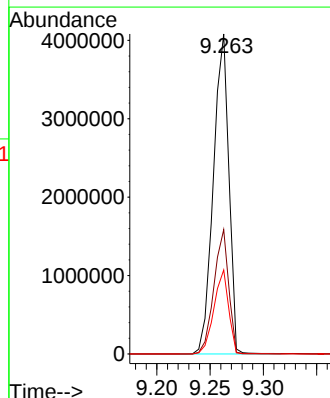
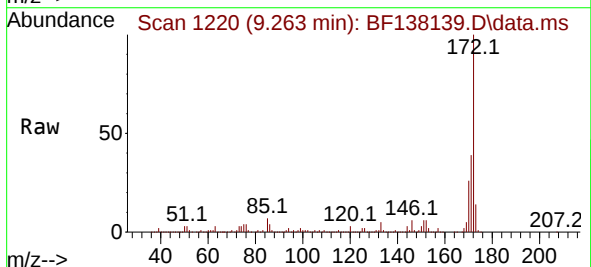
Tgt Ion:172 Resp: 4115766

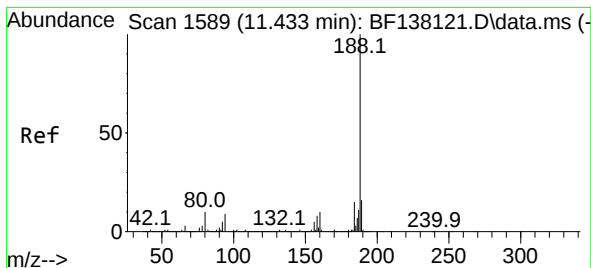
Ion Ratio Lower Upper

172 100

171 38.9 31.6 47.4

170 26.3 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

BNA\_F

ClientSampleId :

WCS-TPM

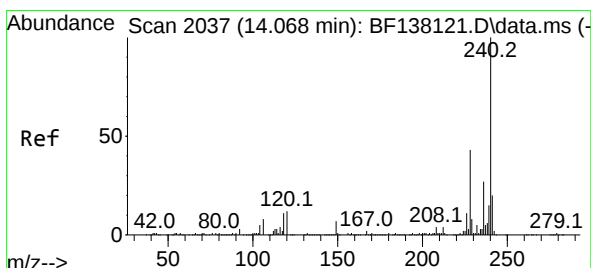
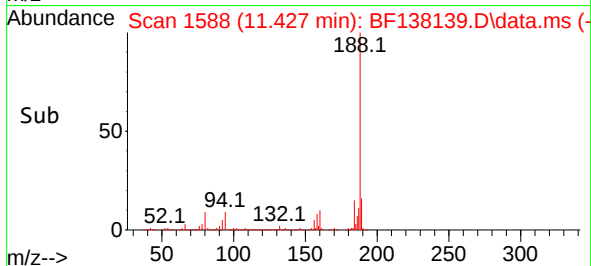
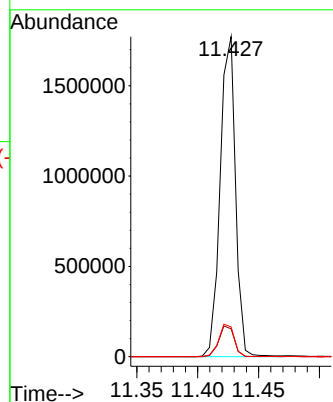
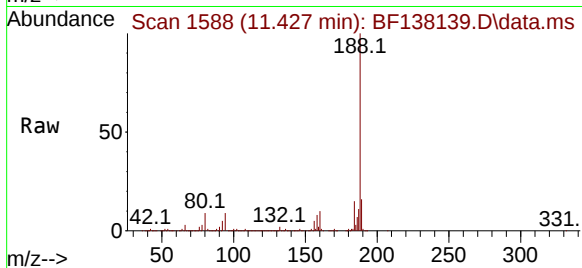
Tgt Ion:188 Resp: 1553561

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

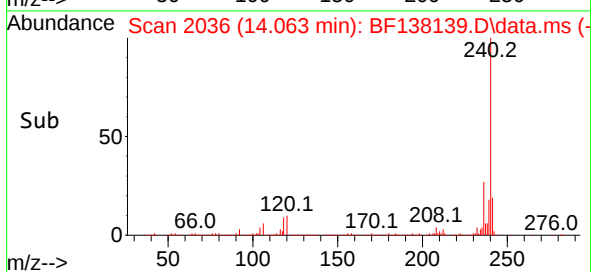
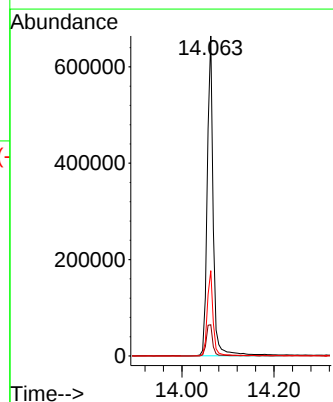
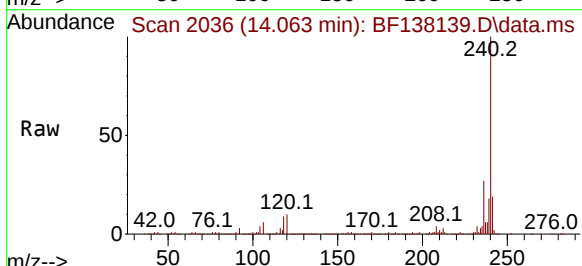
Tgt Ion:240 Resp: 604978

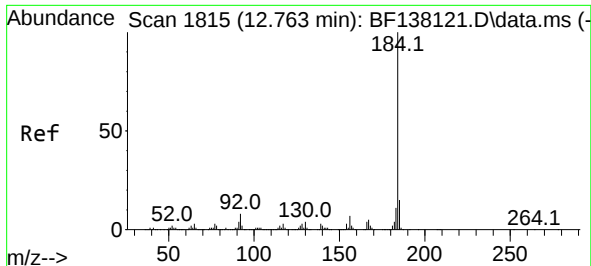
Ion Ratio Lower Upper

240 100

120 9.8 9.8 14.8#

236 26.7 21.2 31.8

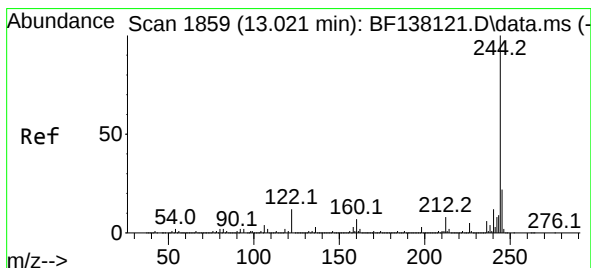
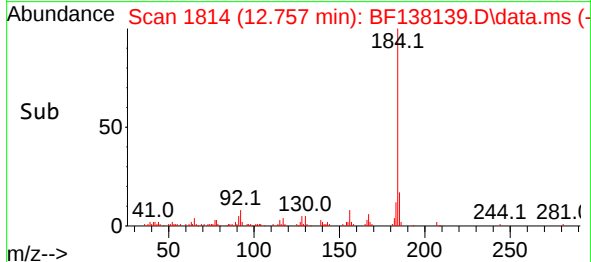
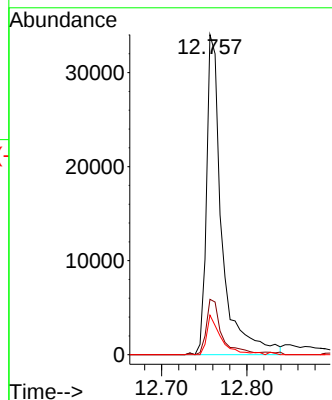
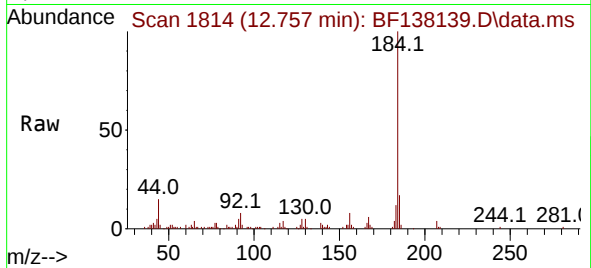




#77  
Benzidine  
Concen: 6.877 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

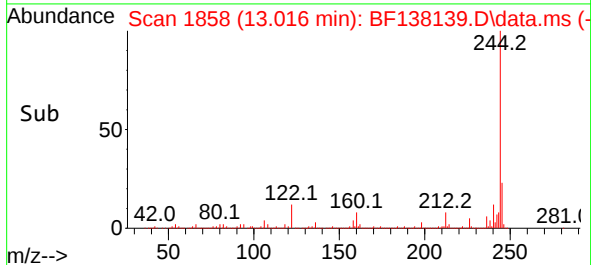
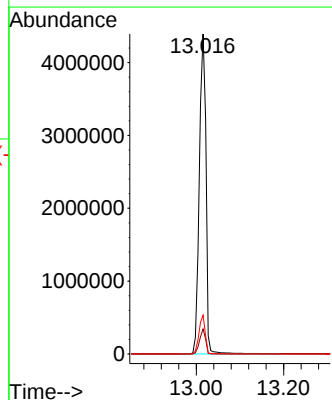
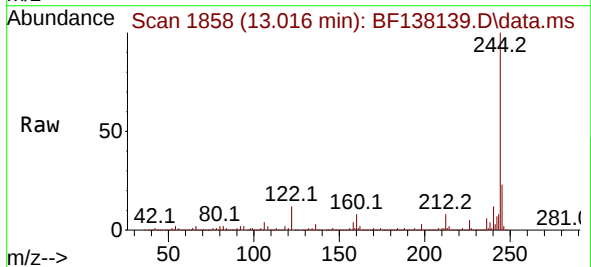
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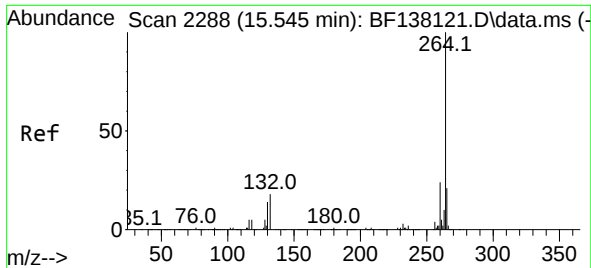
Tgt Ion:184 Resp: 42811  
Ion Ratio Lower Upper  
184 100  
185 17.3 12.2 18.2  
183 12.4 9.0 13.4



#79  
Terphenyl-d14  
Concen: 115.406 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

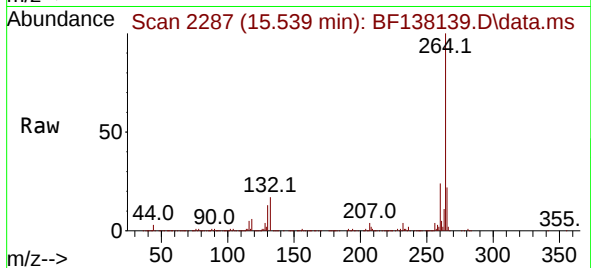
Tgt Ion:244 Resp: 4667814  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.4 9.6  
122 12.1 9.4 14.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF138139.D  
Acq: 06 Jun 2024 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
WCS-TPM



Tgt Ion:264 Resp: 463036  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.4 29.2  
265 22.1 17.1 25.7

