

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101924\  
 Data File : BF139883.D  
 Acq On : 19 Oct 2024 20:38  
 Operator : RC/JU  
 Sample : P4426-25  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAD-13

Quant Time: Oct 21 01:44:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 204683   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 784106   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 407138   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 608764   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 270871   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.527 | 264  | 378751   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 532500   | 40.727 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 1040611  | 61.452 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1009708  | 71.370 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 128849   | 33.834 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1843015  | 74.814 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 1451780  | 87.335 | ng    | 0.00     |

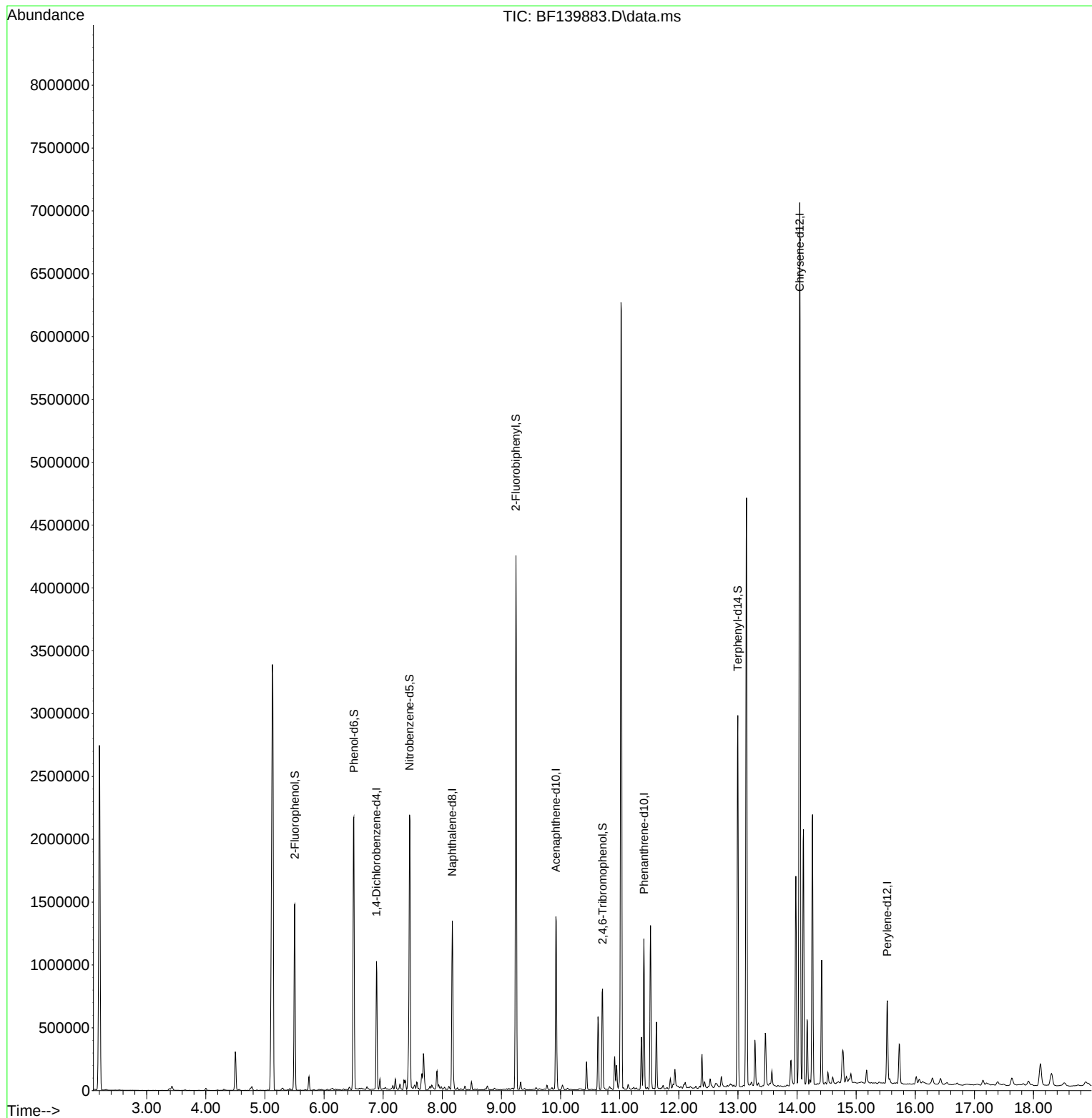
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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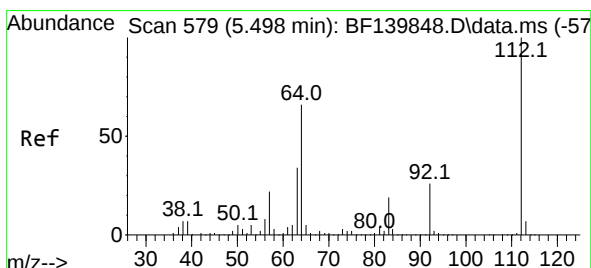
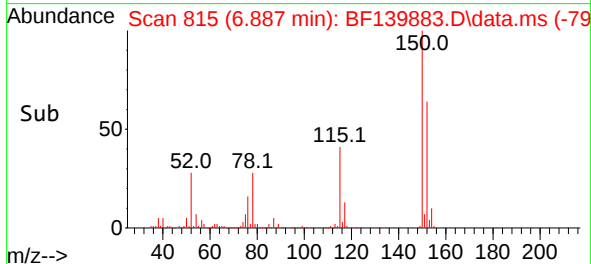
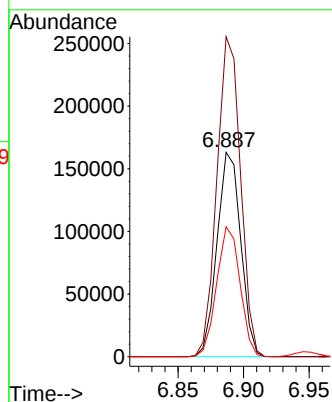
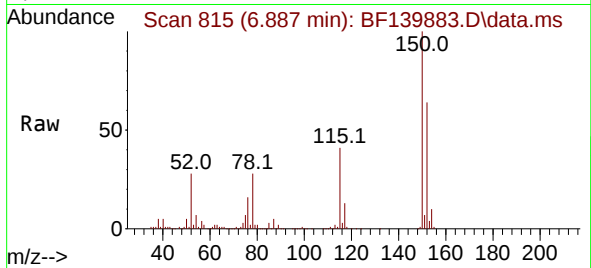




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139883.D  
Acq: 19 Oct 2024 20:38

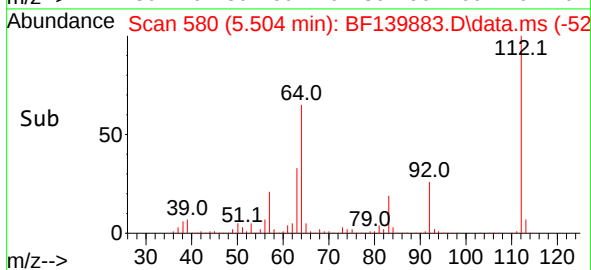
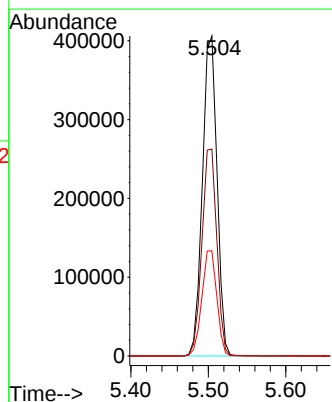
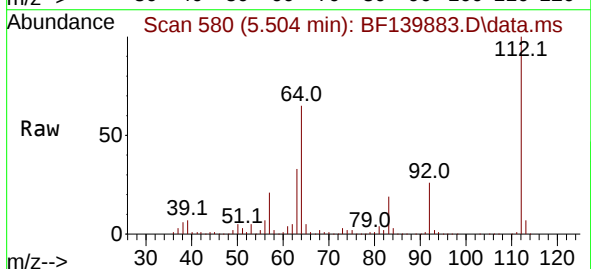
Instrument :  
BNA\_F  
ClientSampleId :  
PAD-13

Tgt Ion:152 Resp: 204683  
Ion Ratio Lower Upper  
152 100  
150 156.6 130.2 195.2  
115 63.5 51.4 77.2



#5  
2-Fluorophenol  
Concen: 40.727 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF139883.D  
Acq: 19 Oct 2024 20:38

Tgt Ion:112 Resp: 532500  
Ion Ratio Lower Upper  
112 100  
64 64.6 53.0 79.6  
63 32.9 27.0 40.4





#7

Phenol-d6

Concen: 61.452 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Instrument :

BNA\_F

ClientSampleId :

PAD-13

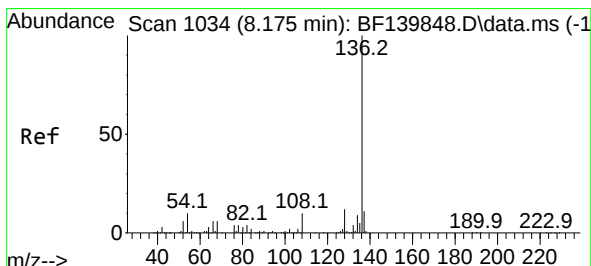
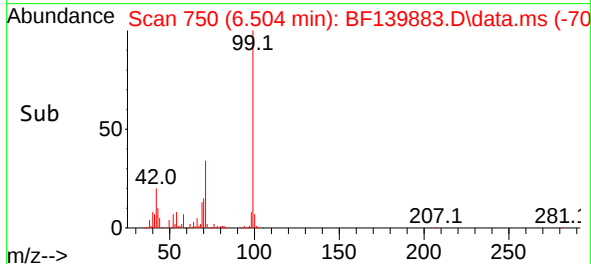
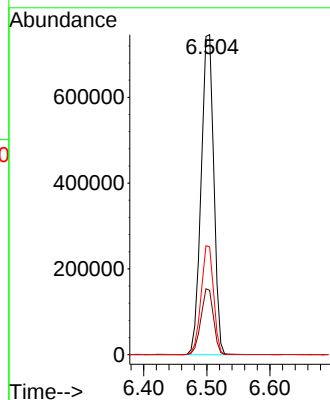
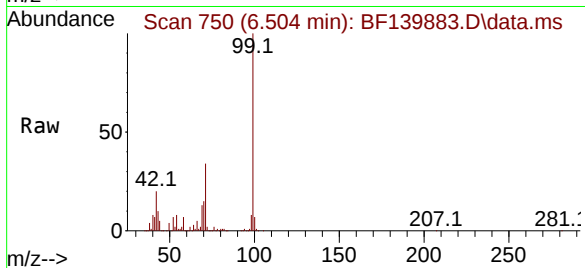
Tgt Ion: 99 Resp: 1040611

Ion Ratio Lower Upper

99 100

42 20.1 16.7 25.1

71 33.7 27.7 41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Tgt Ion: 136 Resp: 784106

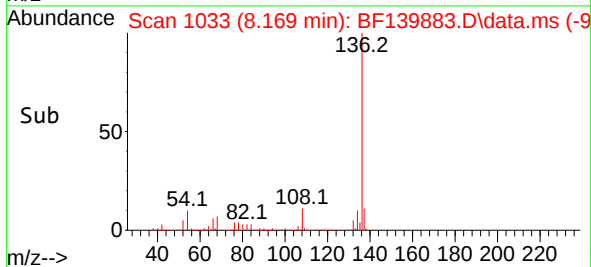
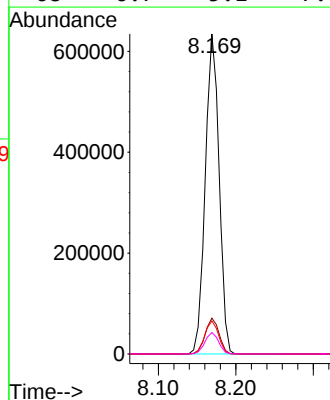
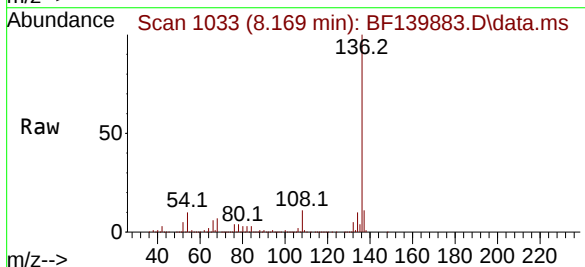
Ion Ratio Lower Upper

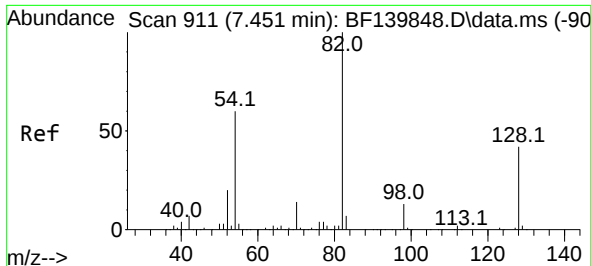
136 100

137 11.2 8.6 12.8

54 10.4 8.4 12.6

68 6.7 5.1 7.7

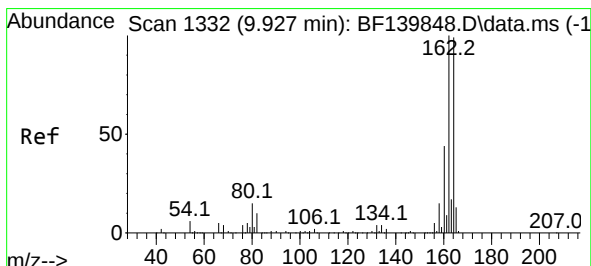
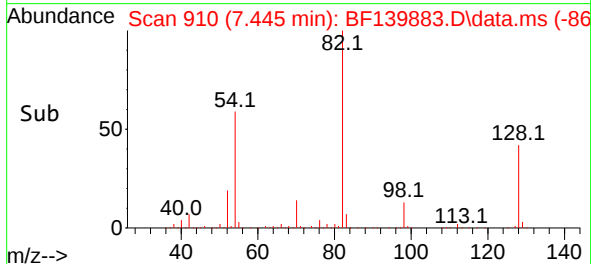
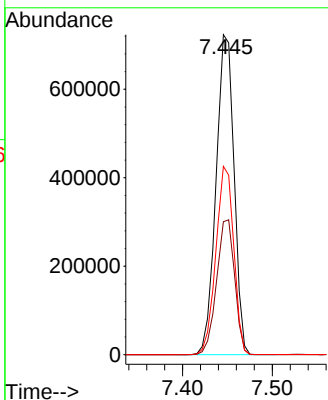
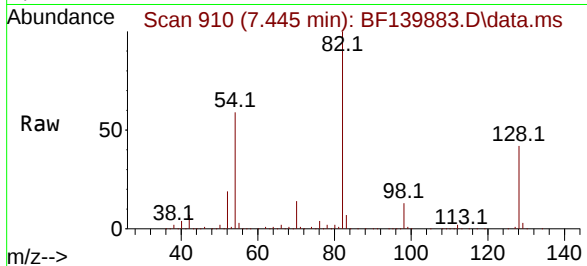




#23  
Nitrobenzene-d5  
Concen: 71.370 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF139883.D  
Acq: 19 Oct 2024 20:38

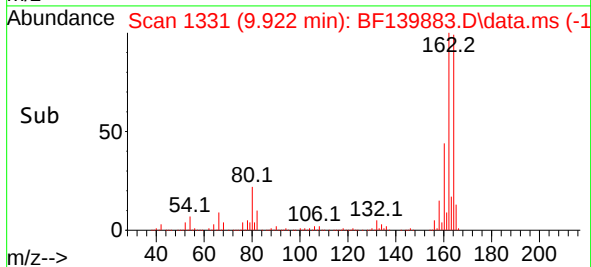
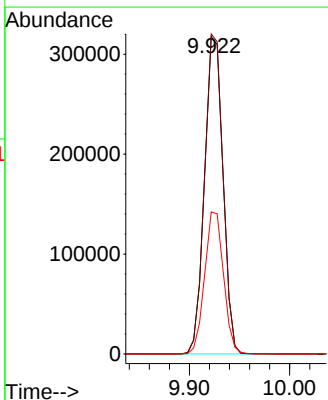
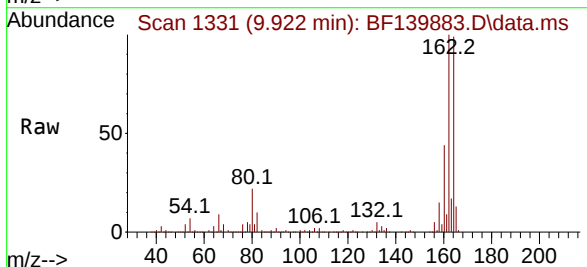
Instrument :  
BNA\_F  
ClientSampleId :  
PAD-13

Tgt Ion: 82 Resp: 1009708  
Ion Ratio Lower Upper  
82 100  
128 41.6 33.4 50.0  
54 58.9 47.8 71.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.005 min  
Lab File: BF139883.D  
Acq: 19 Oct 2024 20:38

Tgt Ion: 164 Resp: 407138  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.0 121.4  
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 33.834 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Instrument :

BNA\_F

ClientSampleId :

PAD-13

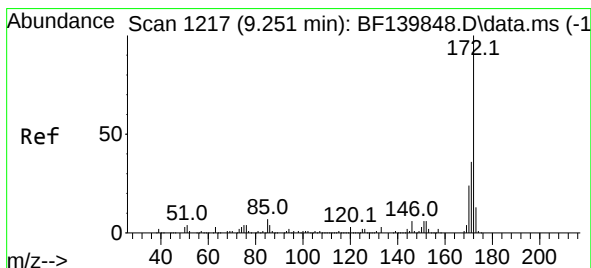
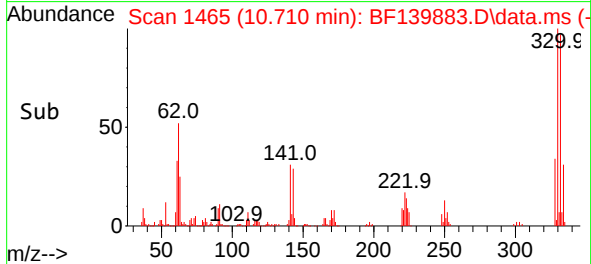
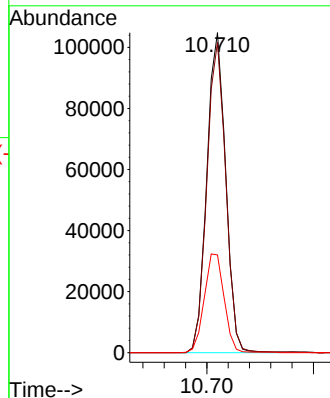
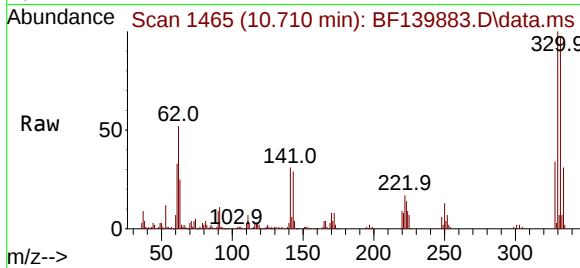
Tgt Ion:330 Resp: 128849

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 32.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.814 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

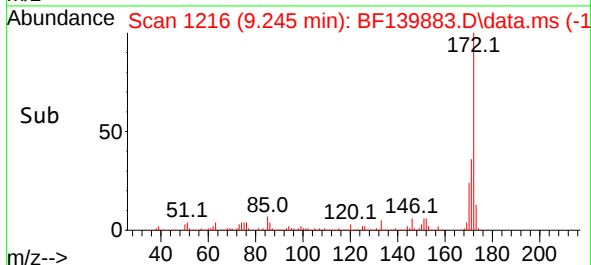
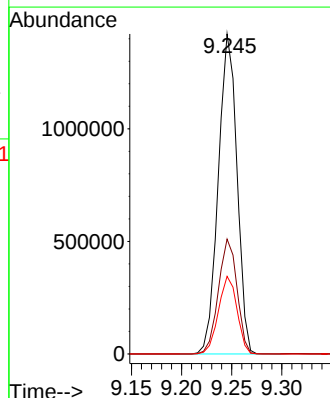
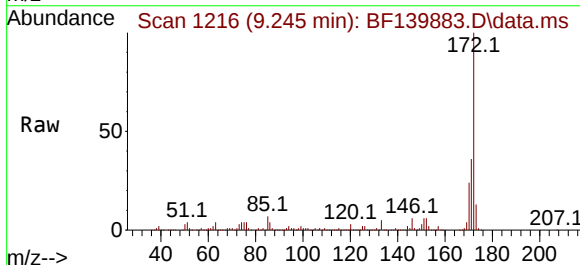
Tgt Ion:172 Resp: 1843015

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Instrument :

BNA\_F

ClientSampleId :

PAD-13

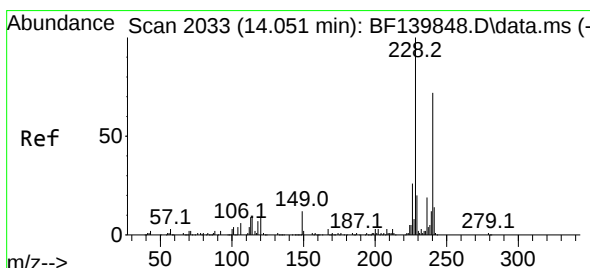
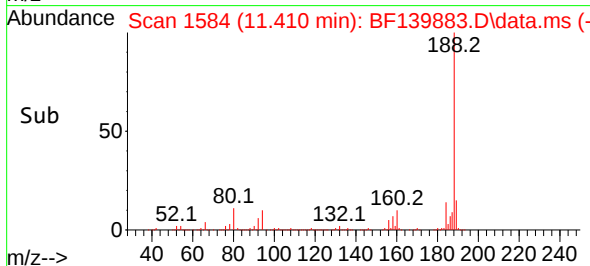
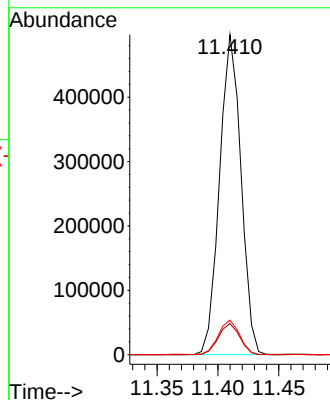
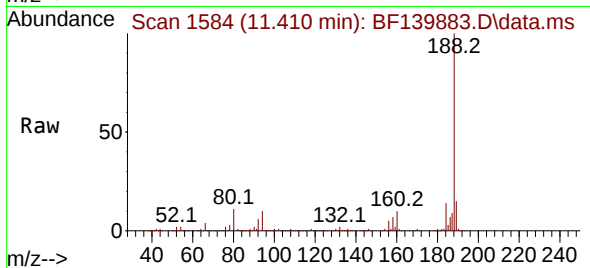
Tgt Ion:188 Resp: 608764

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

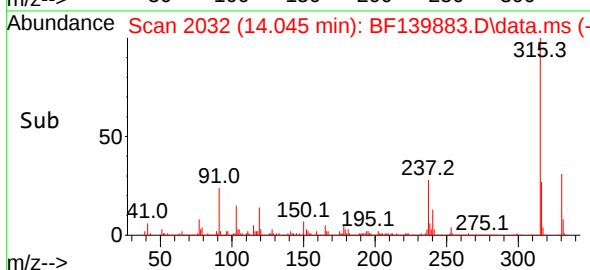
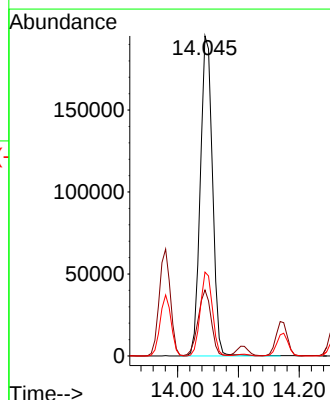
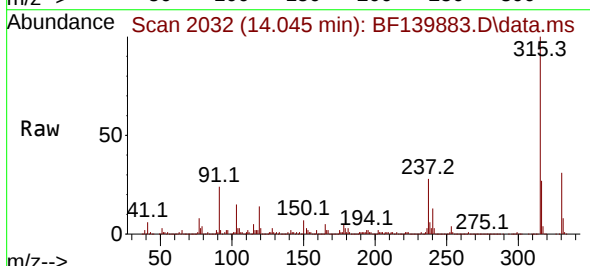
Tgt Ion:240 Resp: 270871

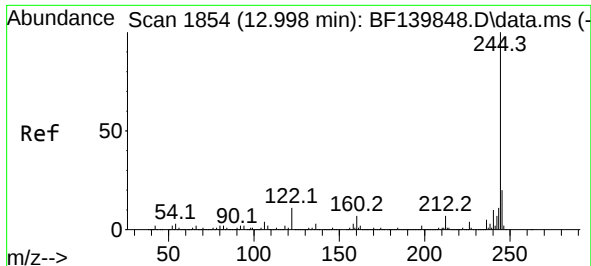
Ion Ratio Lower Upper

240 100

120 20.6 9.4 14.2#

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 87.335 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Instrument :

BNA\_F

ClientSampleId :

PAD-13

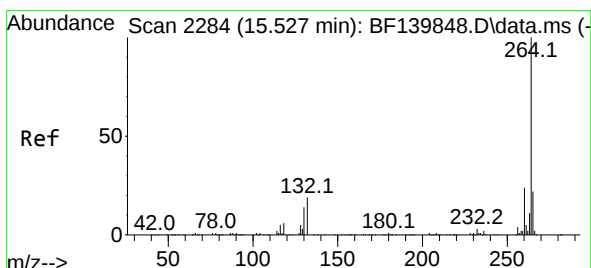
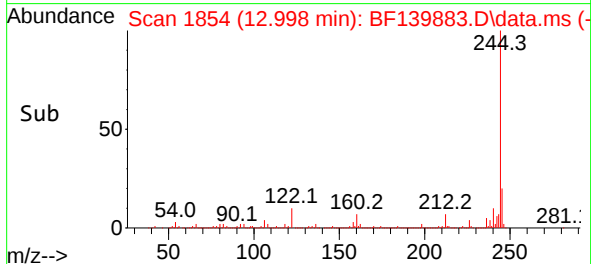
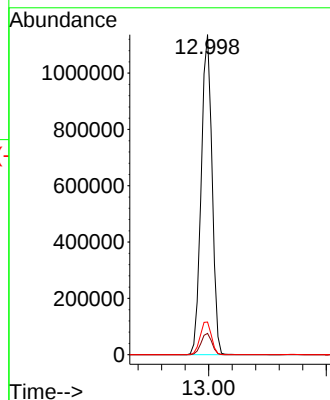
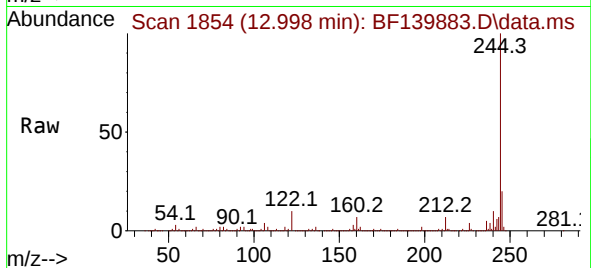
Tgt Ion:244 Resp: 1451780

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139883.D

Acq: 19 Oct 2024 20:38

Tgt Ion:264 Resp: 378751

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.2 17.4 26.0

