

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030424\  
Data File : BF137483.D  
Acq On : 04 Mar 2024 16:19  
Operator : CG\JU  
Sample : P1669-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-14

Quant Time: Mar 04 16:47:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 04 00:26:53 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 225119   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 904646   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 501954   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.381 | 188  | 855352   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 454351   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.568 | 264  | 455400   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1196530  | 80.499 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 1661445  | 77.437 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 1003799  | 51.557 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.681 | 330  | 342321   | 77.659 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 1586781  | 49.484 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1603670  | 48.536 | ng    | 0.00     |

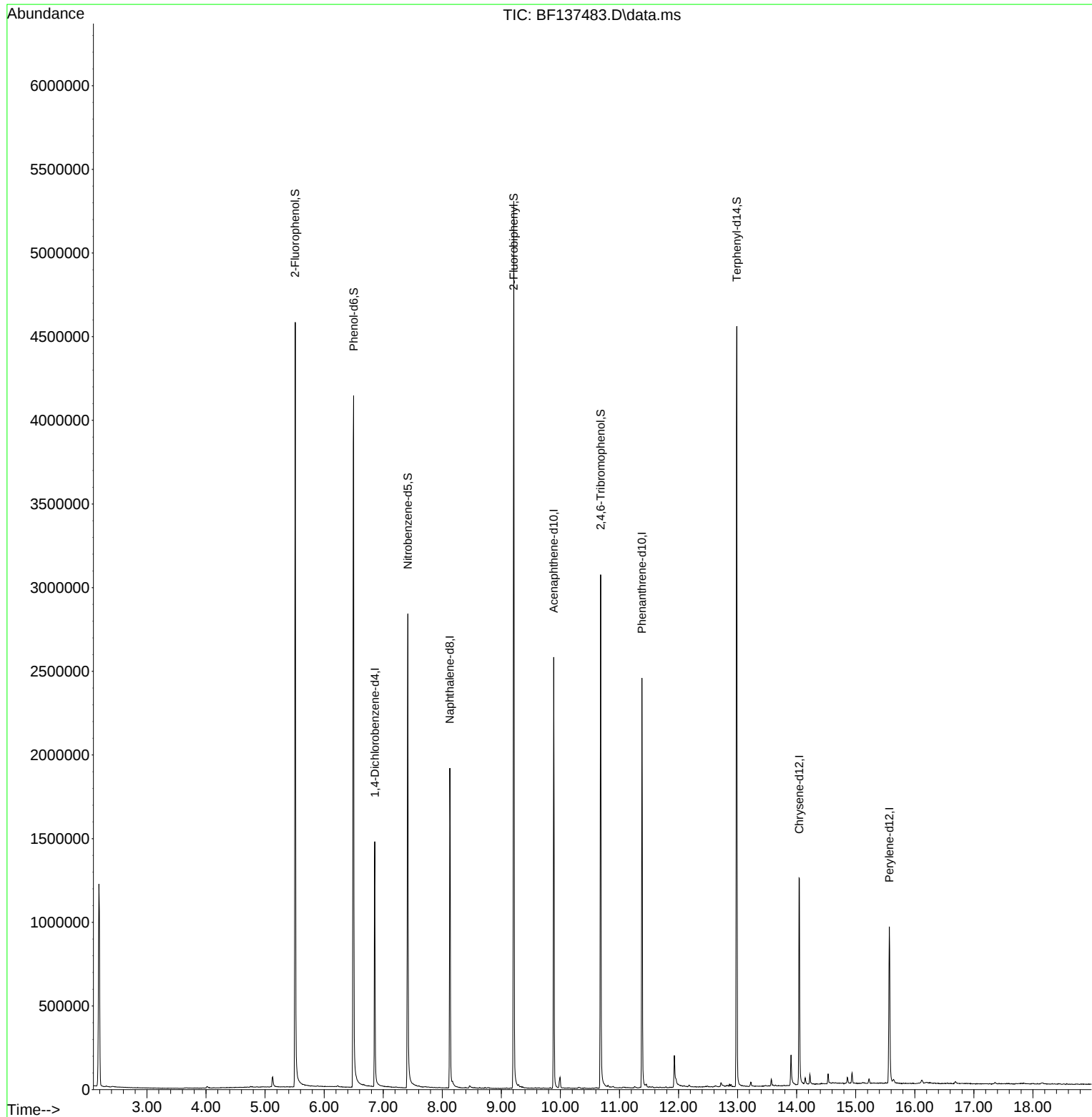
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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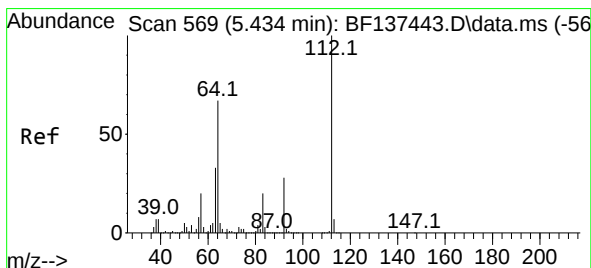
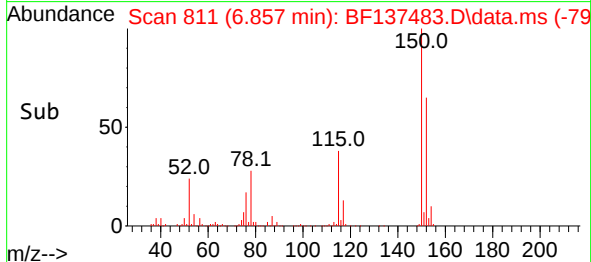
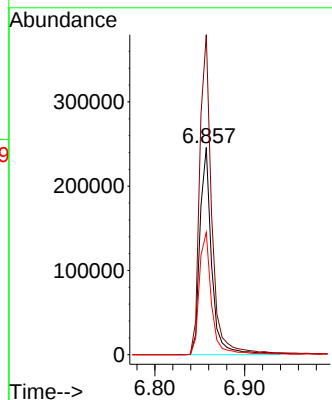
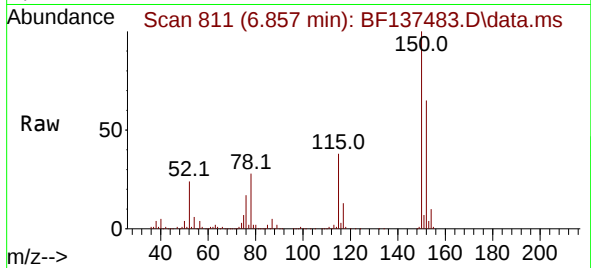




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 811  
 Delta R.T. -0.006 min  
 Lab File: BF137483.D  
 Acq: 04 Mar 2024 16:19

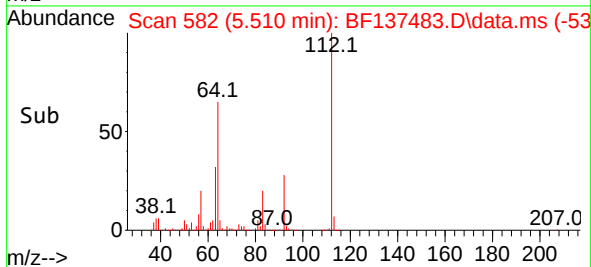
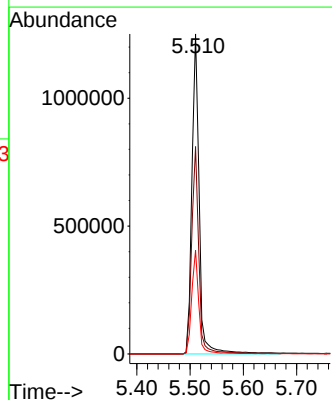
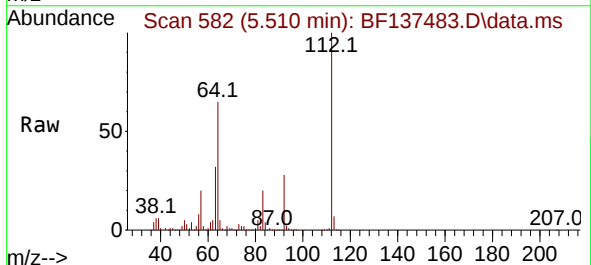
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-14

Tgt Ion:152 Resp: 225119  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 125.8 188.6  
 115 59.0 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 80.499 ng  
 RT: 5.510 min Scan# 582  
 Delta R.T. 0.000 min  
 Lab File: BF137483.D  
 Acq: 04 Mar 2024 16:19

Tgt Ion:112 Resp: 1196530  
 Ion Ratio Lower Upper  
 112 100  
 64 64.8 53.4 80.2  
 63 32.4 26.2 39.2





#7  
Phenol-d6  
Concen: 77.437 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137483.D  
Acq: 04 Mar 2024 16:19

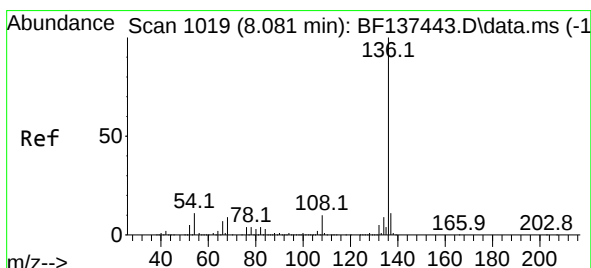
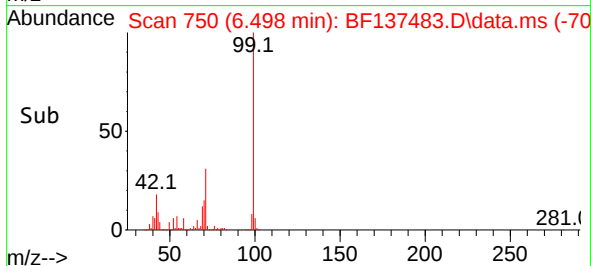
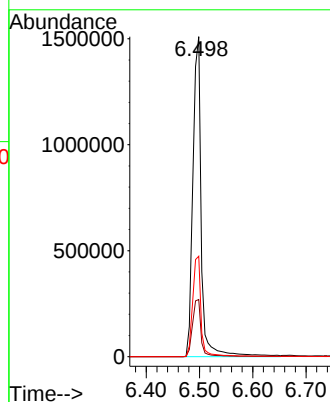
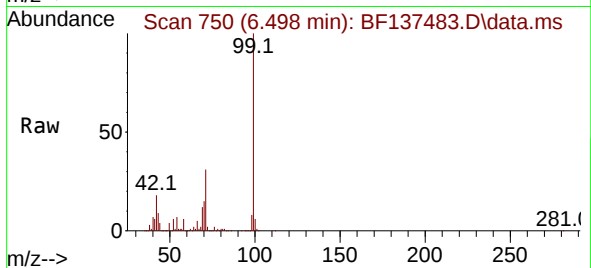
Instrument :

BNA\_F

ClientSampleId :

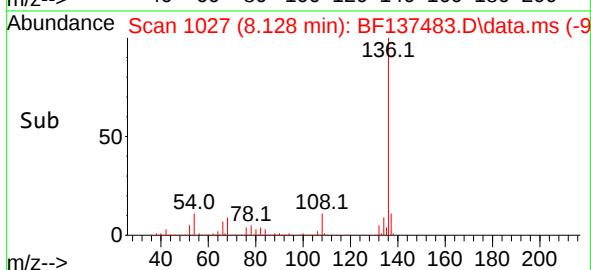
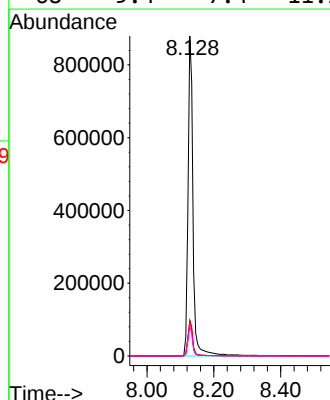
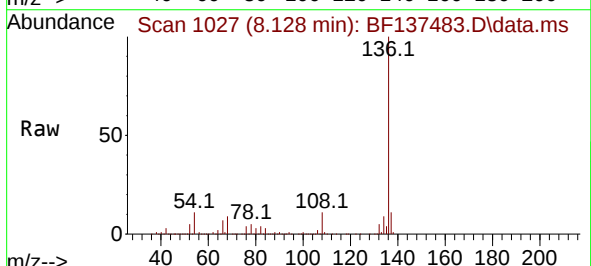
TP-14

Tgt Ion: 99 Resp: 1661445  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.6 21.8  
71 31.4 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF137483.D  
Acq: 04 Mar 2024 16:19

Tgt Ion:136 Resp: 904646  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.1 13.7  
54 11.1 8.5 12.7  
68 9.4 7.4 11.2





#23

Nitrobenzene-d5

Concen: 51.557 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

Instrument :

BNA\_F

ClientSampleId :

TP-14

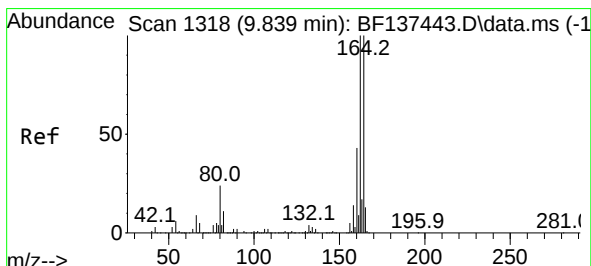
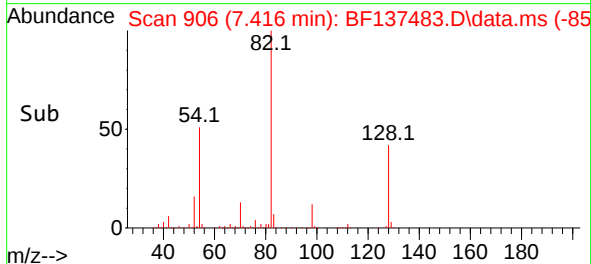
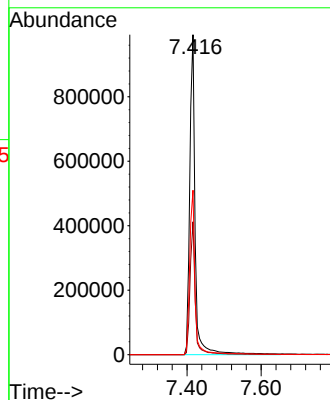
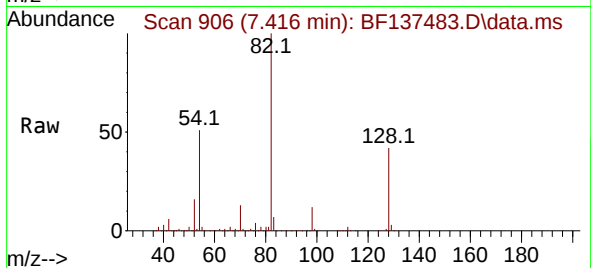
Tgt Ion: 82 Resp: 1003799

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 51.4 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

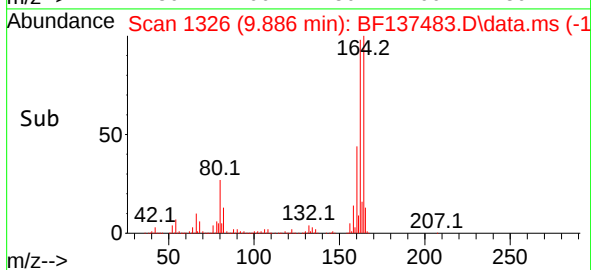
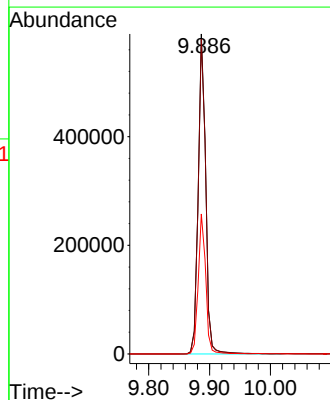
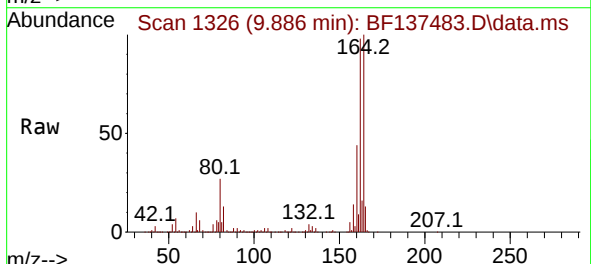
Tgt Ion:164 Resp: 501954

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 77.659 ng

RT: 10.681 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

Instrument :

BNA\_F

ClientSampleId :

TP-14

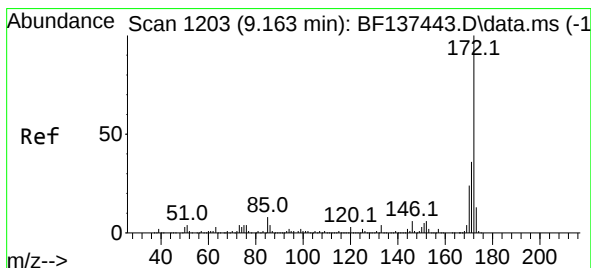
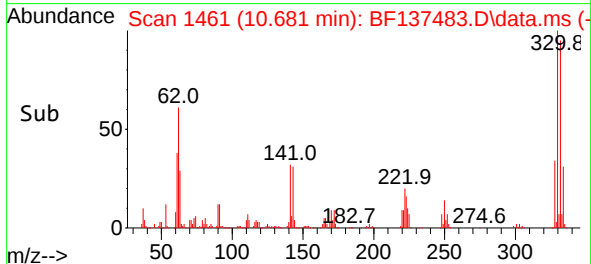
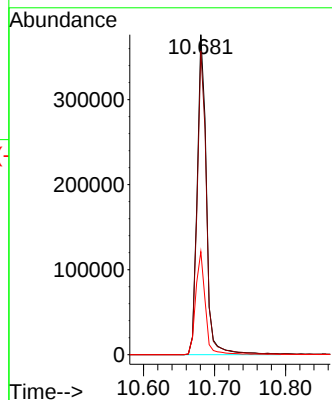
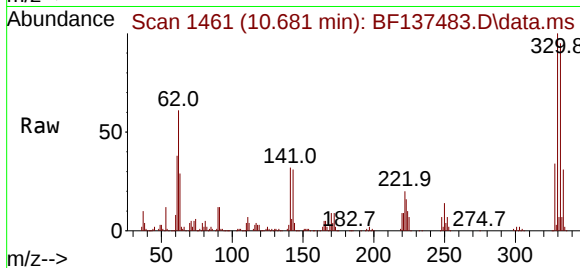
Tgt Ion:330 Resp: 342321

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 33.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 49.484 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

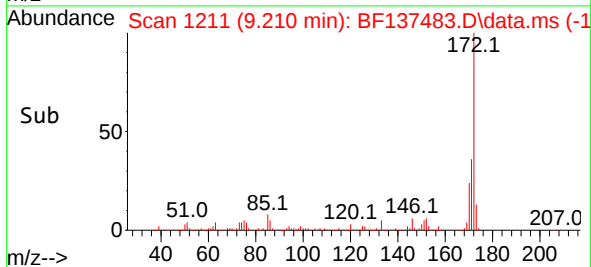
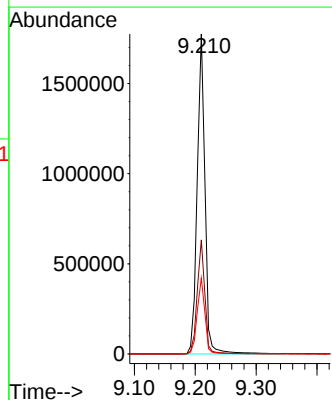
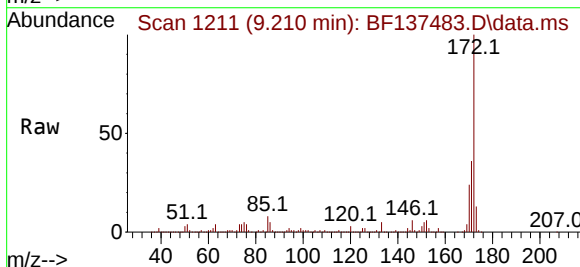
Tgt Ion:172 Resp: 1586781

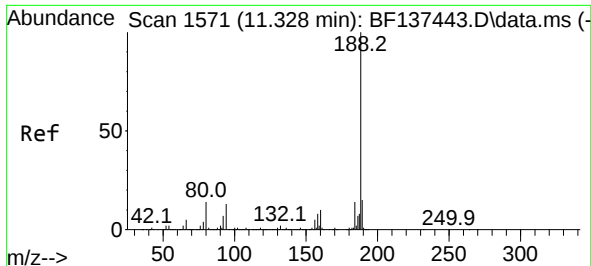
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 19.0 28.6

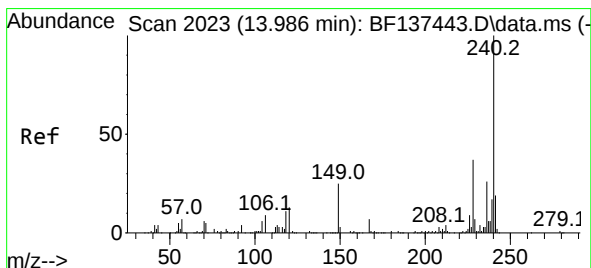
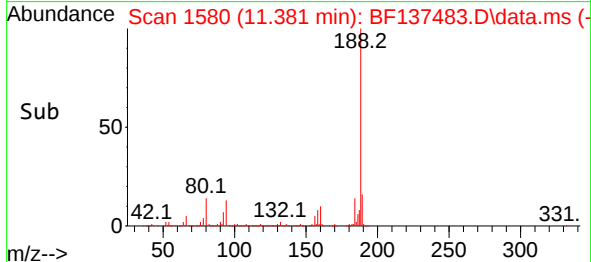
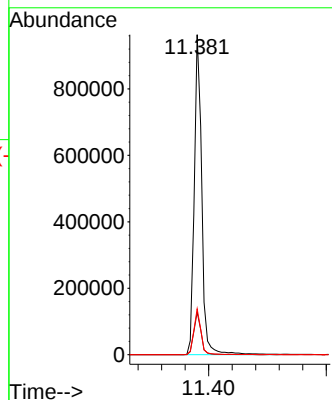
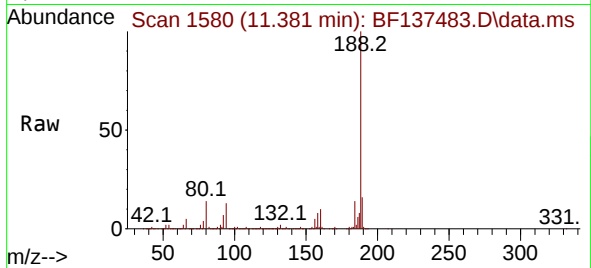




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.381 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137483.D  
Acq: 04 Mar 2024 16:19

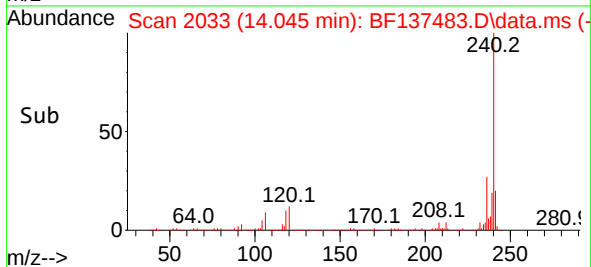
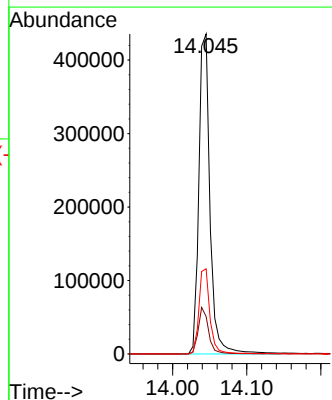
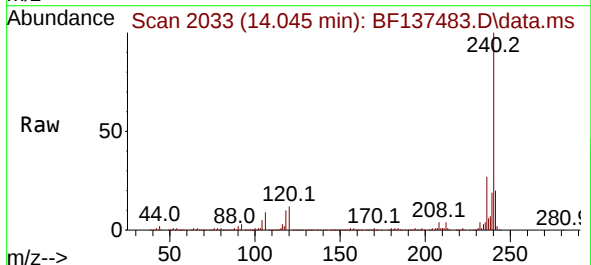
Instrument :  
BNA\_F  
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TP-14

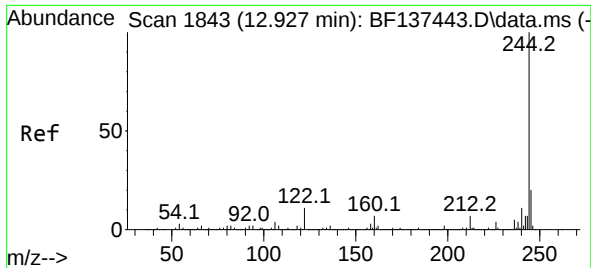
Tgt Ion:188 Resp: 855352  
Ion Ratio Lower Upper  
188 100  
94 13.2 10.6 15.8  
80 14.4 11.5 17.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF137483.D  
Acq: 04 Mar 2024 16:19

Tgt Ion:240 Resp: 454351  
Ion Ratio Lower Upper  
240 100  
120 11.7 10.4 15.6  
236 26.6 20.9 31.3

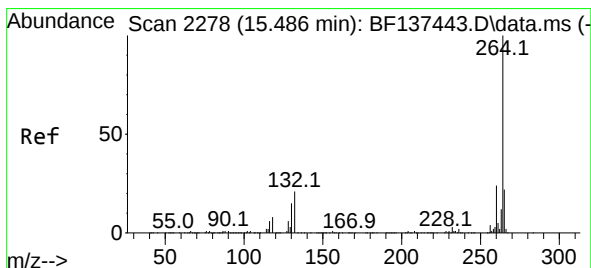
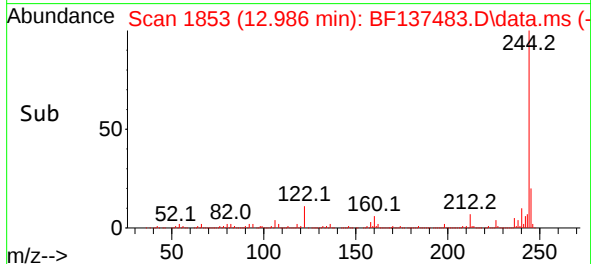
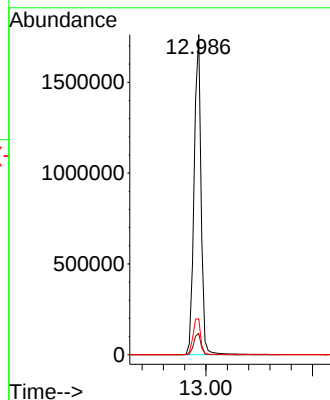
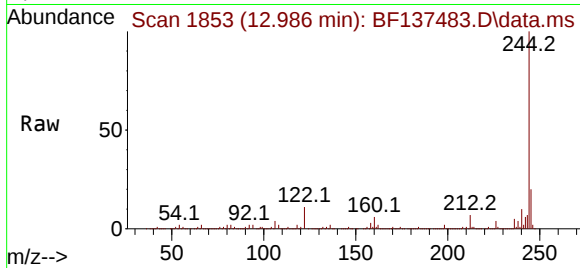




#79  
 Terphenyl-d14  
 Concen: 48.536 ng  
 RT: 12.986 min Scan# 1843  
 Delta R.T. -0.006 min  
 Lab File: BF137483.D  
 Acq: 04 Mar 2024 16:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-14

Tgt Ion:244 Resp: 1603670  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 11.2 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.568 min Scan# 2292  
 Delta R.T. 0.000 min  
 Lab File: BF137483.D  
 Acq: 04 Mar 2024 16:19

Tgt Ion:264 Resp: 455400  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.3 28.9  
 265 21.4 17.4 26.0

