

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
 Data File : BF139562.D  
 Acq On : 26 Sep 2024 22:50  
 Operator : RC/JU  
 Sample : P4198-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2-WC-1

Quant Time: Sep 27 01:10:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 65854    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 240639   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.910  | 164  | 130658   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 237670   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.033 | 240  | 142564   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.510 | 264  | 141536   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 364648   | 90.331 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 489994   | 92.477 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 309627   | 60.489 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 111873   | 80.426 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 554462   | 59.517 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 568139   | 65.412 | ng    | 0.00     |

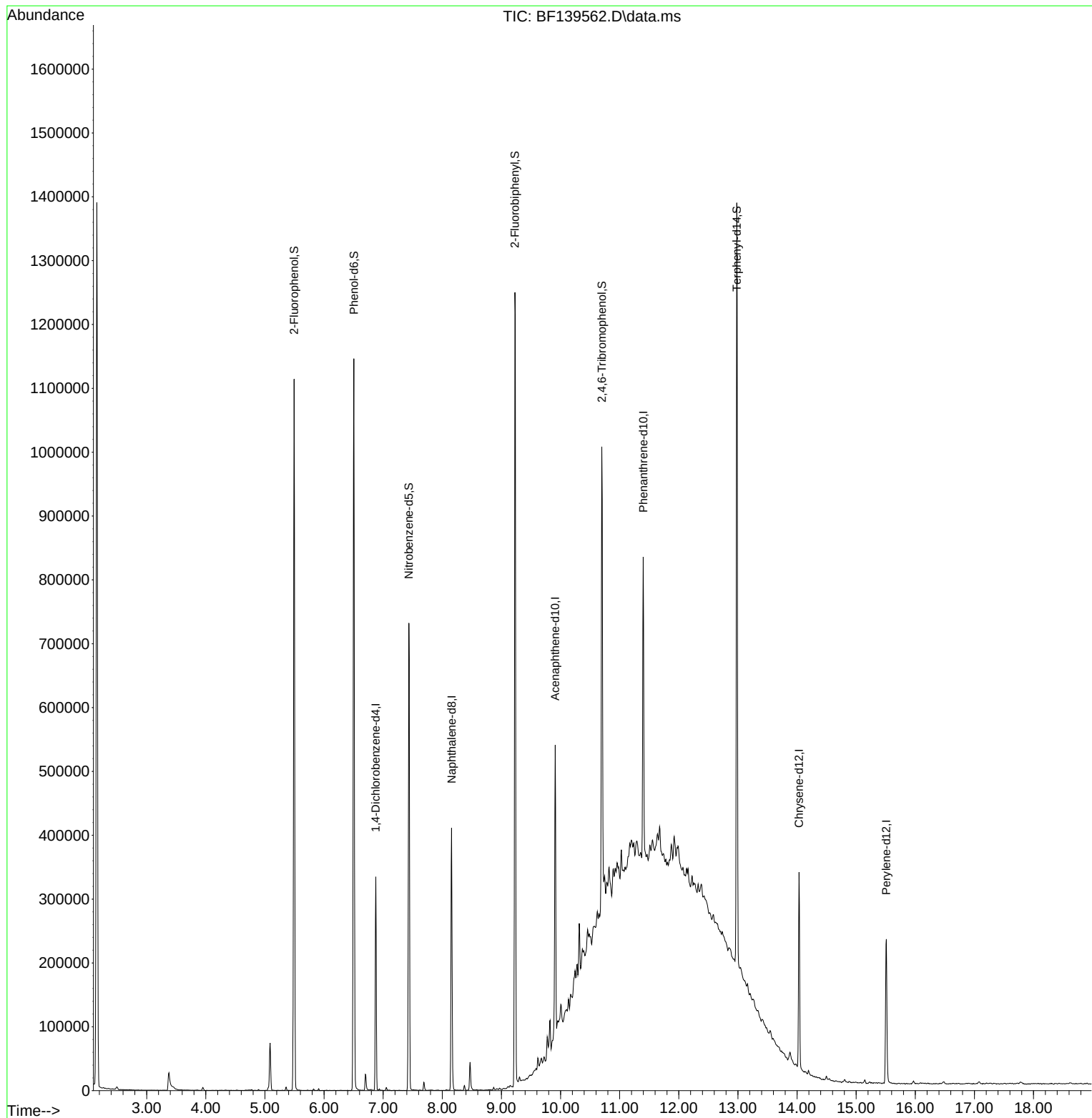
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

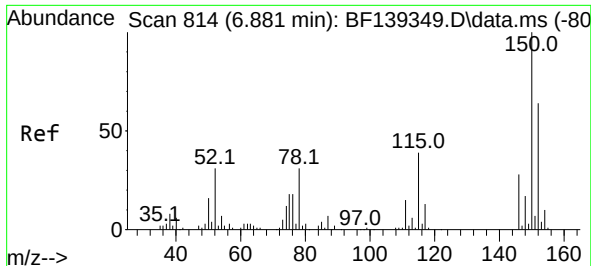
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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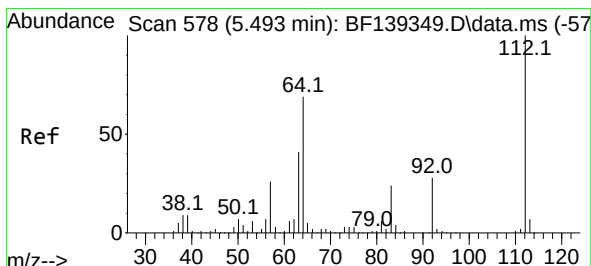
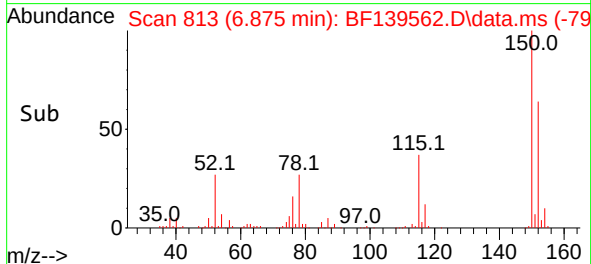
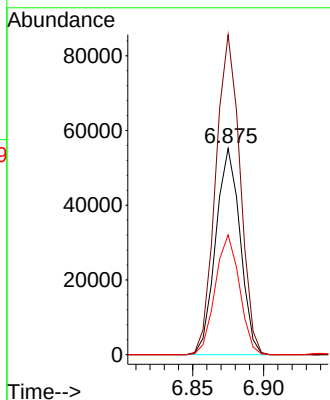
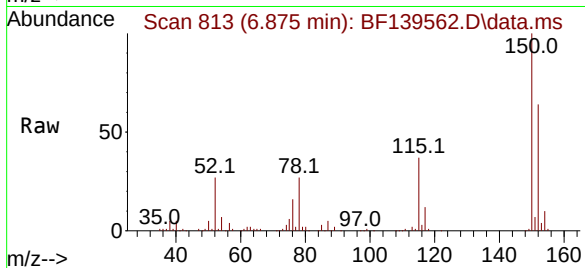




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF139562.D  
Acq: 26 Sep 2024 22:50

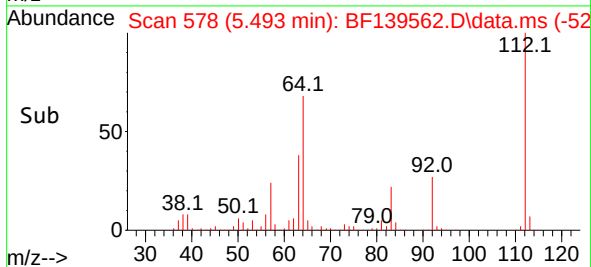
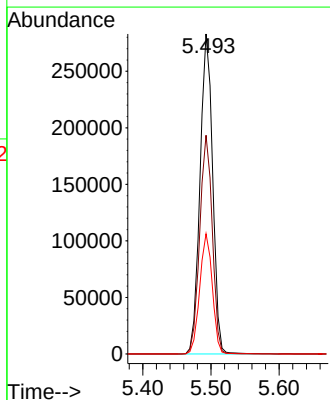
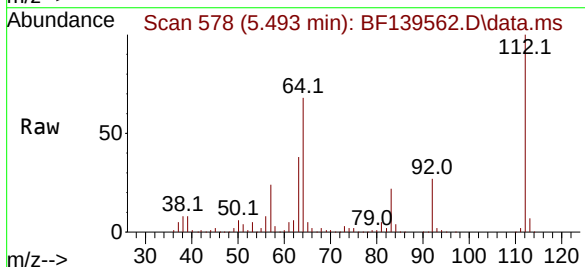
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-WC-1

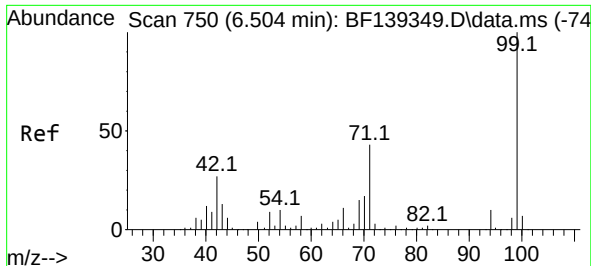
Tgt Ion:152 Resp: 65854  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.1 186.1  
115 58.1 48.1 72.1



#5  
2-Fluorophenol  
Concen: 90.331 ng  
RT: 5.493 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: BF139562.D  
Acq: 26 Sep 2024 22:50

Tgt Ion:112 Resp: 364648  
Ion Ratio Lower Upper  
112 100  
64 68.4 54.8 82.2  
63 37.5 33.0 49.4





#7

Phenol-d6

Concen: 92.477 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA\_F

ClientSampleId :

TP2-WC-1

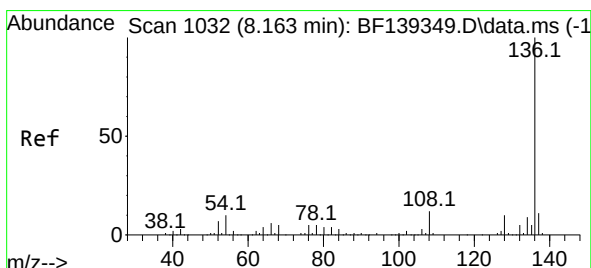
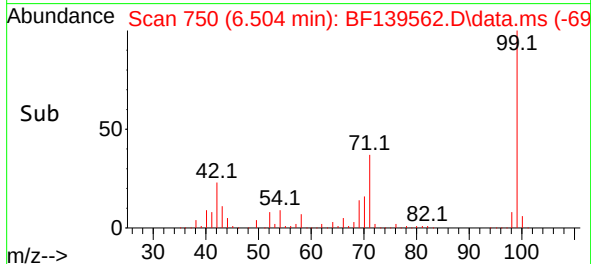
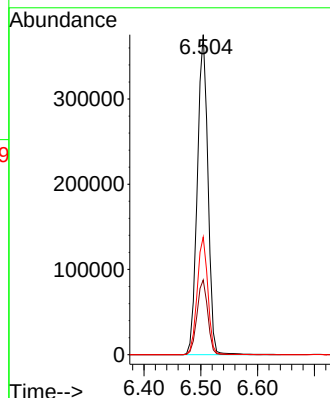
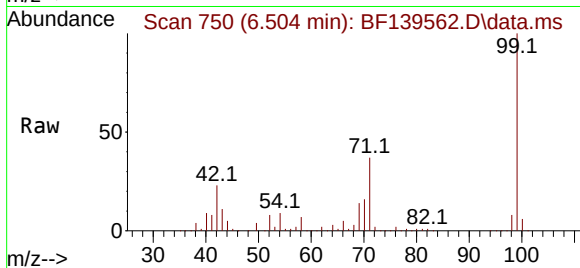
Tgt Ion: 99 Resp: 489994

Ion Ratio Lower Upper

99 100

42 23.4 21.9 32.9

71 36.8 34.6 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Tgt Ion: 136 Resp: 240639

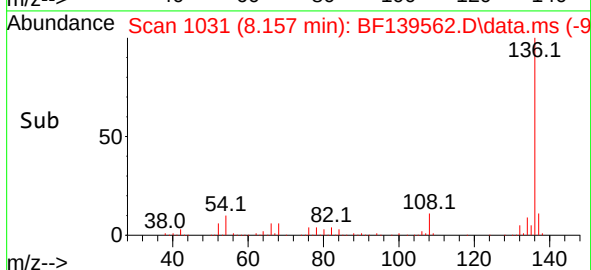
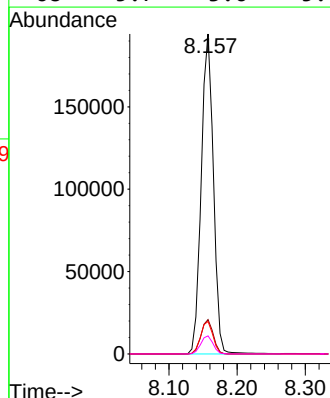
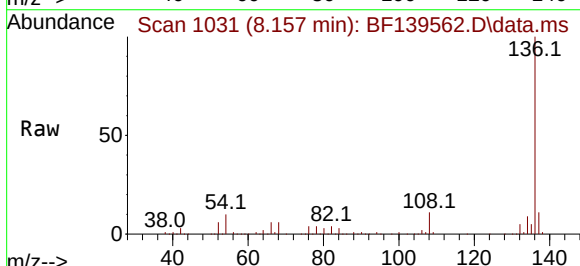
Ion Ratio Lower Upper

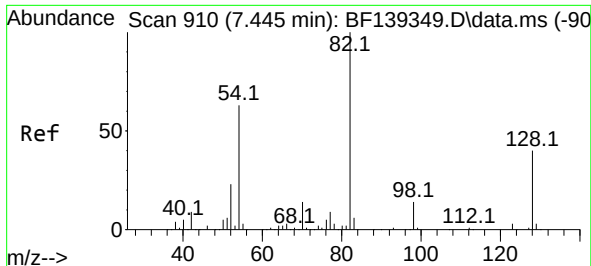
136 100

137 10.7 8.6 12.8

54 10.2 7.8 11.8

68 5.7 3.6 5.4





#23

Nitrobenzene-d5

Concen: 60.489 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA\_F

ClientSampleId :

TP2-WC-1

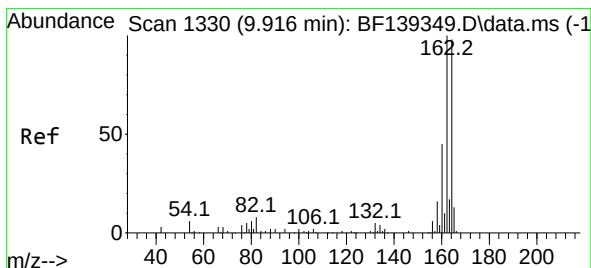
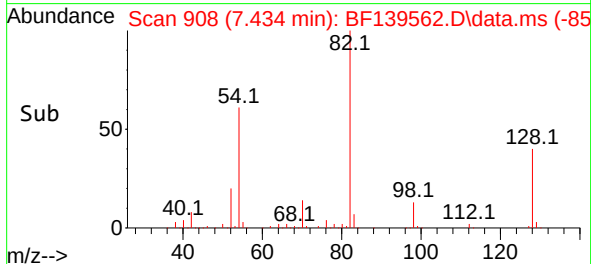
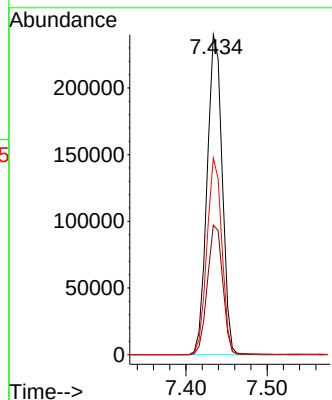
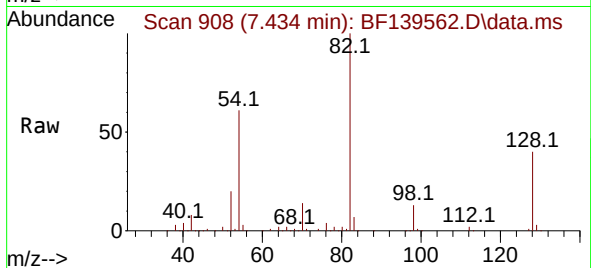
Tgt Ion: 82 Resp: 309627

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

54 61.4 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

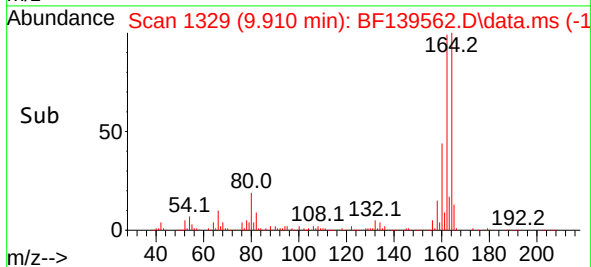
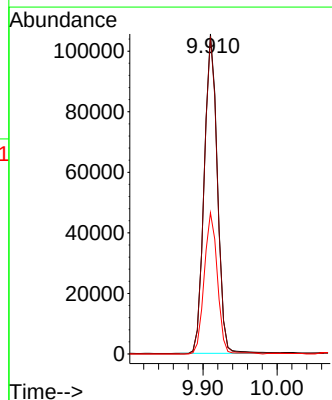
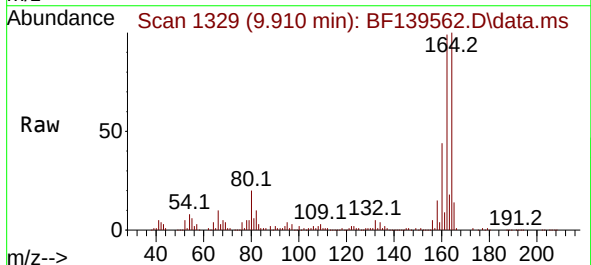
Tgt Ion: 164 Resp: 130658

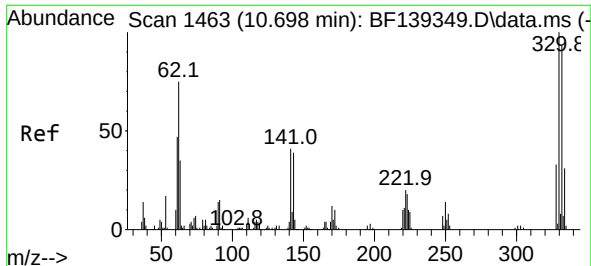
Ion Ratio Lower Upper

164 100

162 99.3 81.3 121.9

160 44.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 80.426 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139562.D

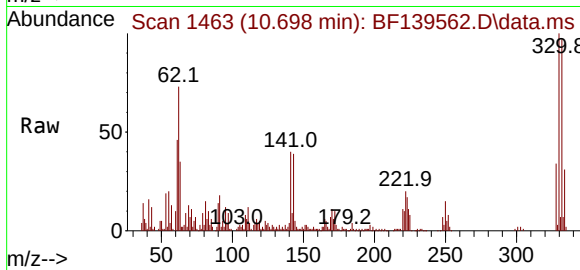
Acq: 26 Sep 2024 22:50

Instrument :

BNA\_F

ClientSampleId :

TP2-WC-1



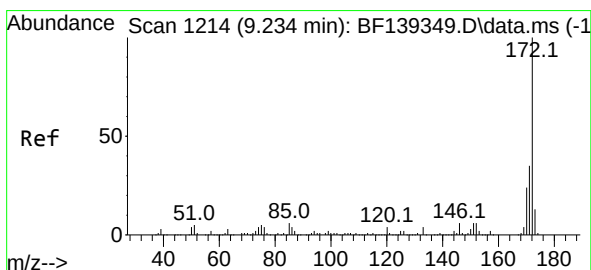
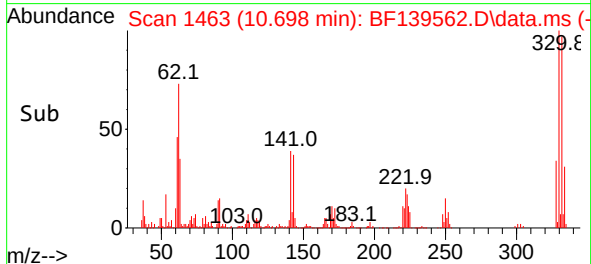
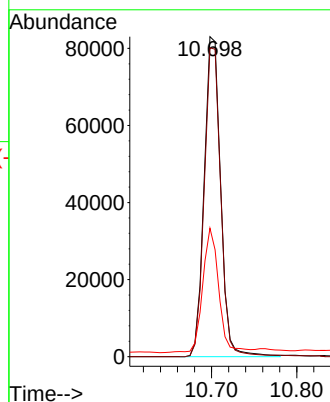
Tgt Ion:330 Resp: 111873

Ion Ratio Lower Upper

330 100

332 96.9 75.2 112.8

141 37.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 59.517 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

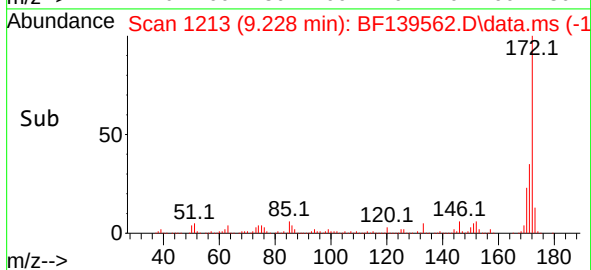
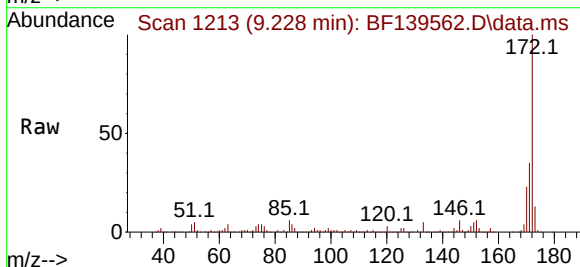
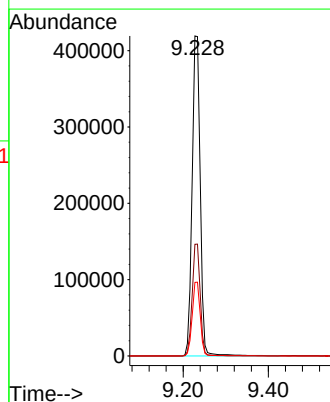
Tgt Ion:172 Resp: 554462

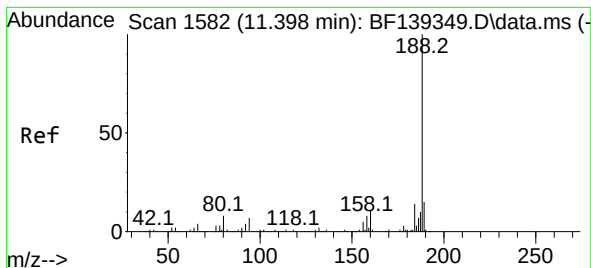
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA\_F

ClientSampleId :

TP2-WC-1

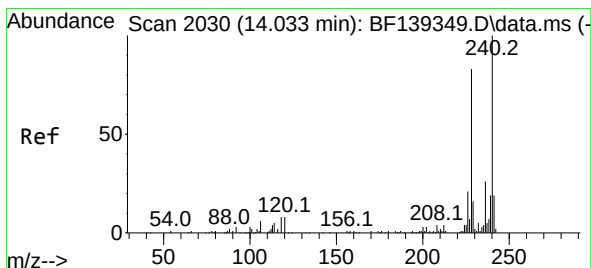
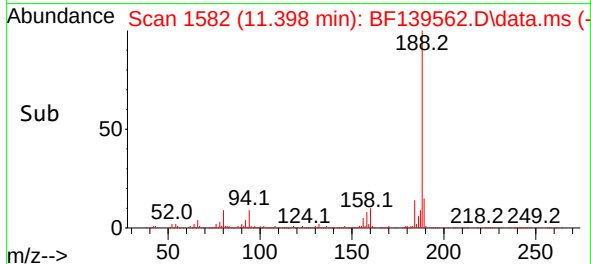
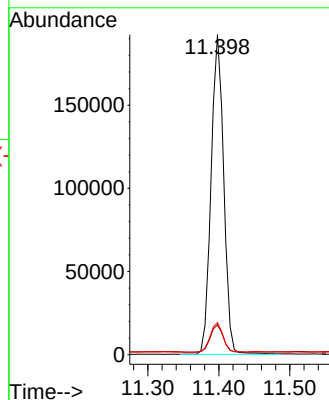
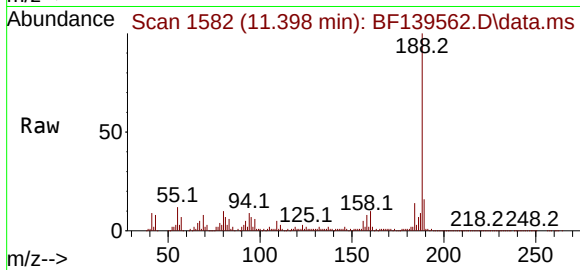
Tgt Ion:188 Resp: 237670

Ion Ratio Lower Upper

188 100

94 9.4 5.5 8.3#

80 10.0 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

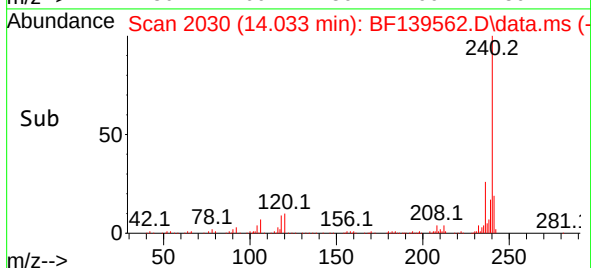
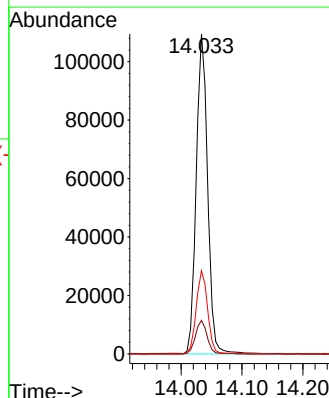
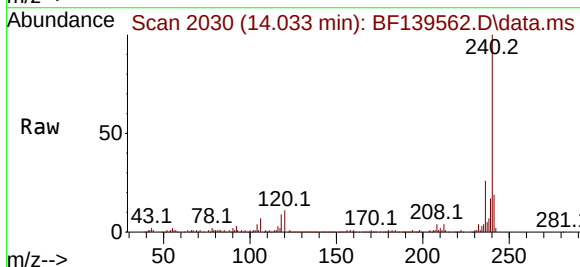
Tgt Ion:240 Resp: 142564

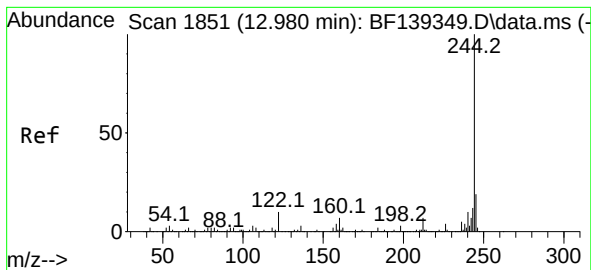
Ion Ratio Lower Upper

240 100

120 10.5 6.2 9.2#

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 65.412 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA\_F

ClientSampleId :

TP2-WC-1

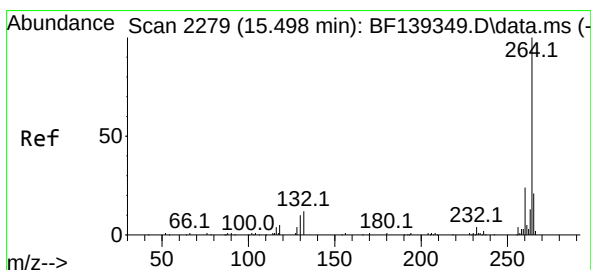
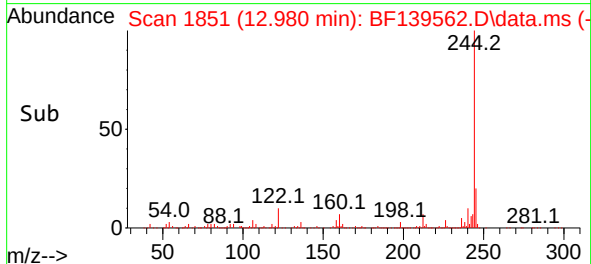
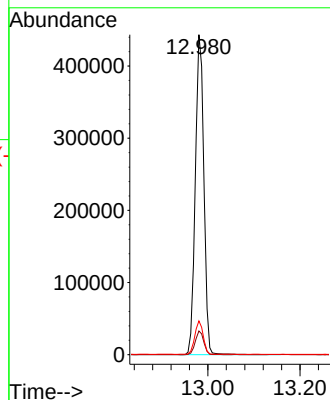
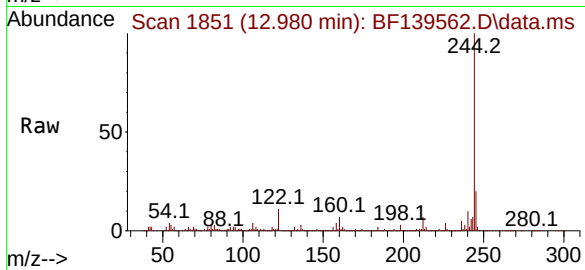
Tgt Ion:244 Resp: 568139

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Tgt Ion:264 Resp: 141536

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.4 16.6 25.0

