

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112224\  
 Data File : BF140569.D  
 Acq On : 22 Nov 2024 11:36  
 Operator : RC/JU  
 Sample : P4893-08  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-762

Quant Time: Nov 22 12:13:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 81045    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 299632   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 162627   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 306157   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 193949   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.533 | 264  | 159076   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 712612   | 150.023 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 899196   | 143.193 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 595691   | 101.691 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 280644   | 161.354 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1078889  | 98.845  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1186857  | 95.287  | ng    | 0.00     |

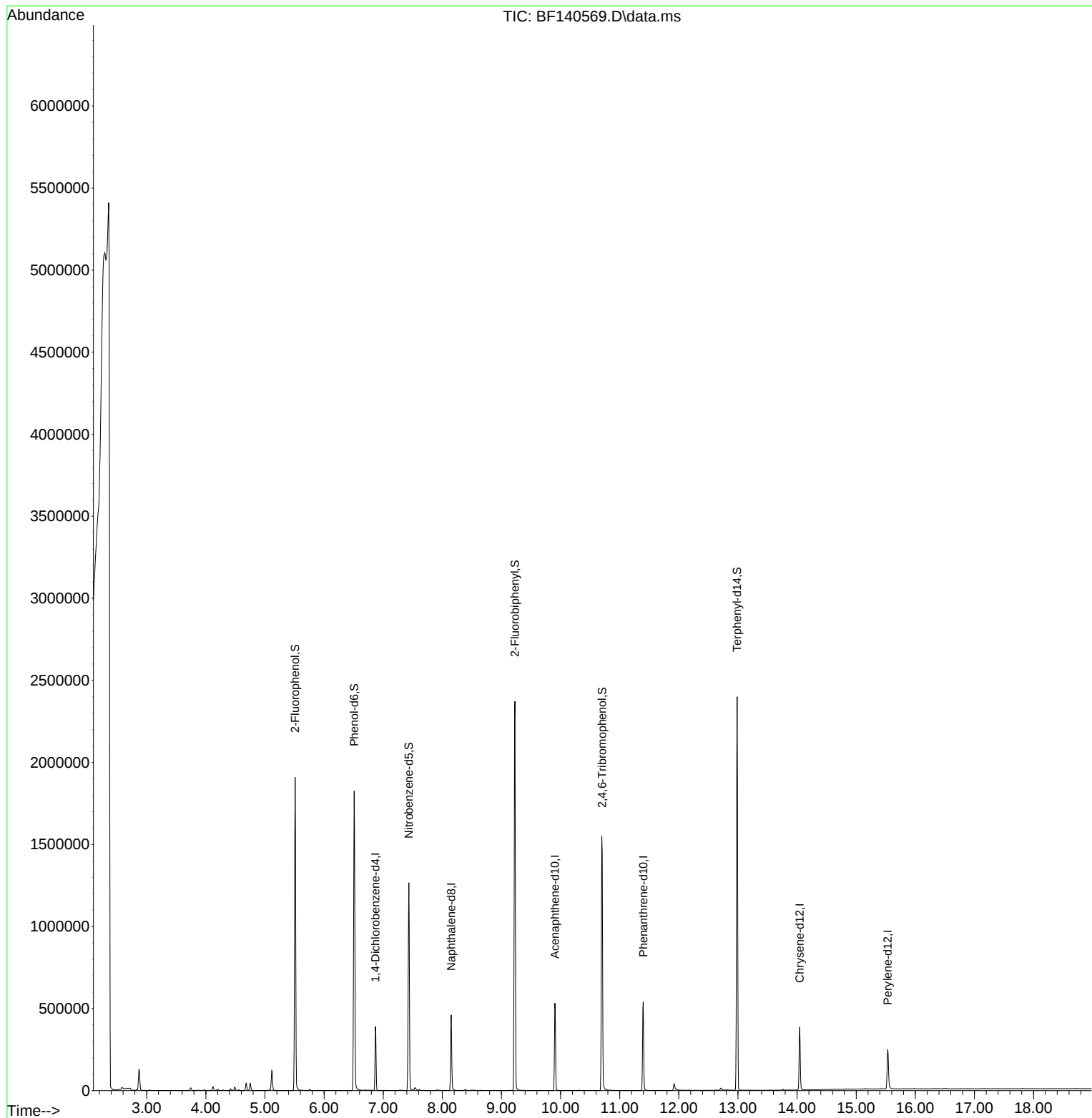
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

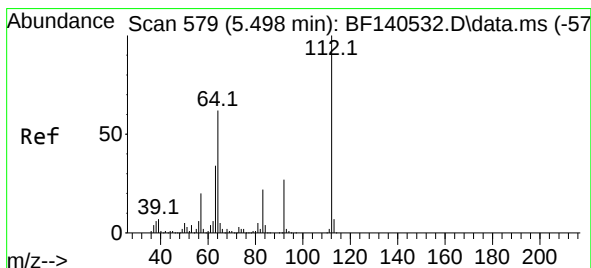
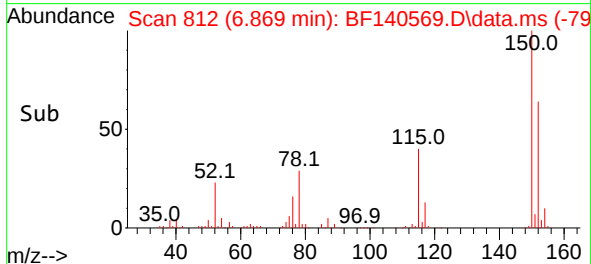
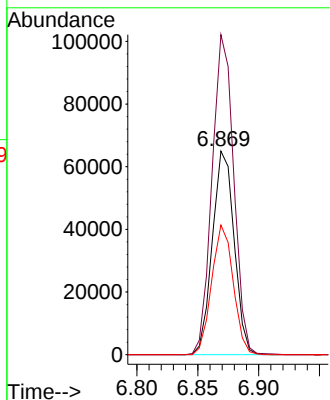
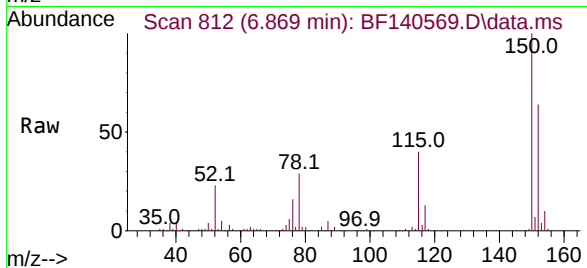




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

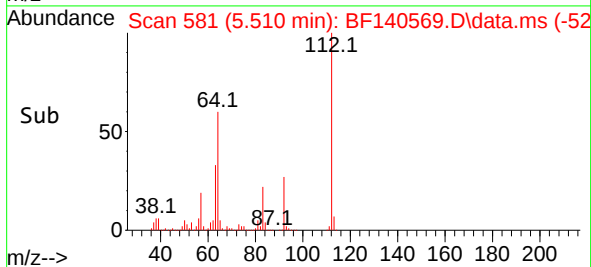
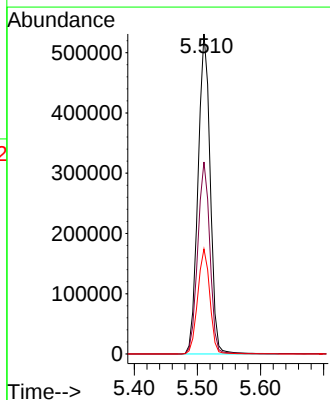
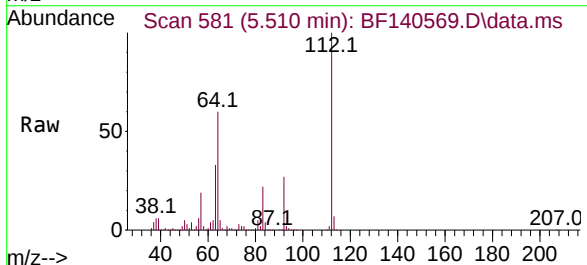
Instrument :  
BNA\_F  
ClientSampleId :  
MH-762

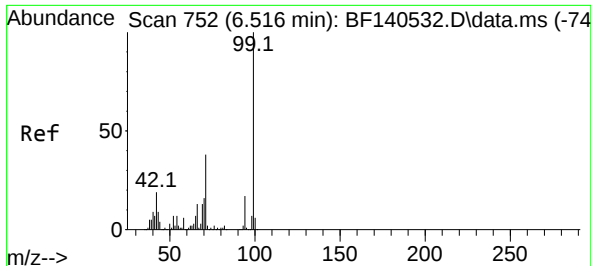
Tgt Ion:152 Resp: 81045  
Ion Ratio Lower Upper  
152 100  
150 157.2 128.5 192.7  
115 63.6 50.2 75.4



#5  
2-Fluorophenol  
Concen: 150.023 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

Tgt Ion:112 Resp: 712612  
Ion Ratio Lower Upper  
112 100  
64 60.0 49.2 73.8  
63 32.8 27.0 40.4





#7  
Phenol-d6  
Concen: 143.193 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

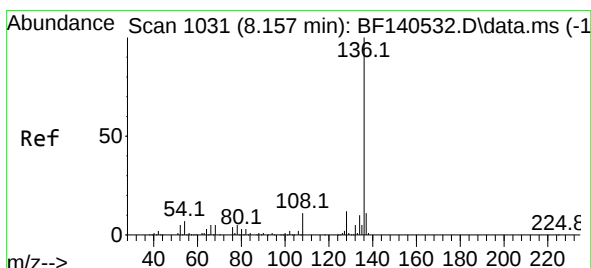
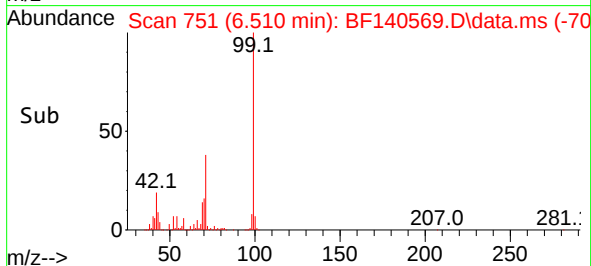
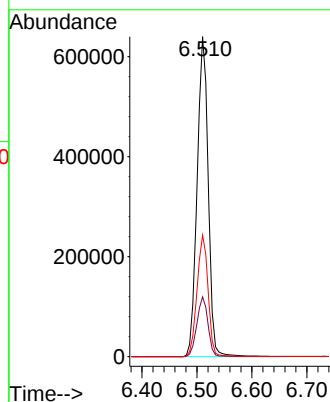
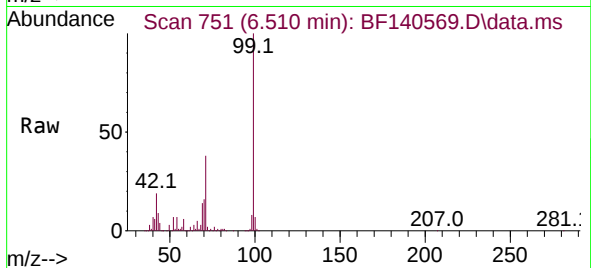
Instrument :

BNA\_F

ClientSampleId :

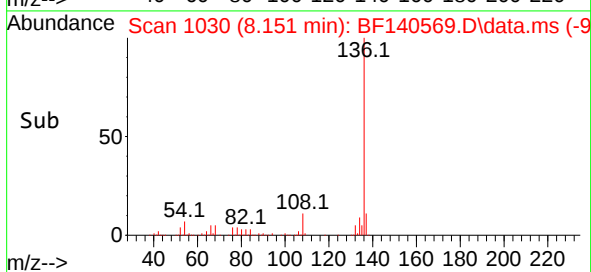
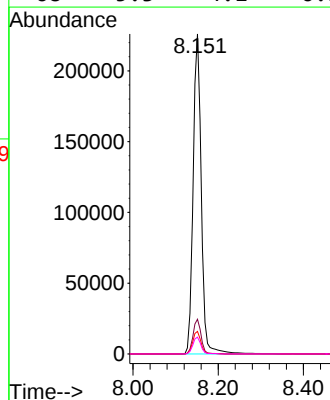
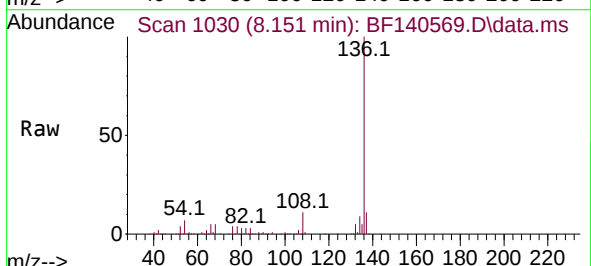
MH-762

Tgt Ion: 99 Resp: 899196  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.4 23.0  
71 38.0 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

Tgt Ion:136 Resp: 299632  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.0 5.8 8.8  
68 5.3 4.1 6.1

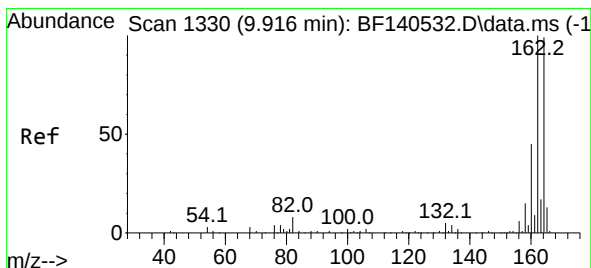
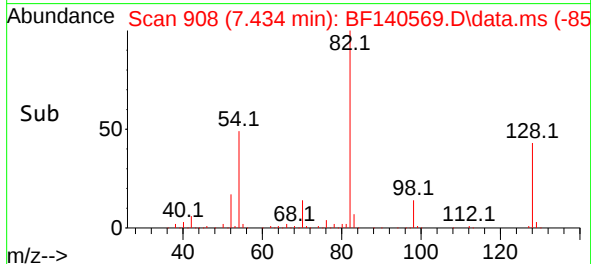
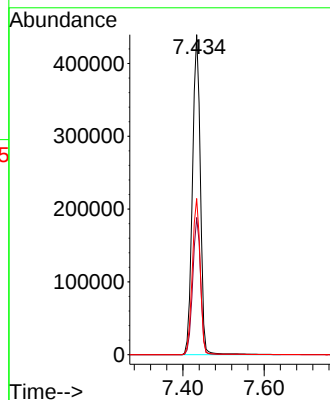
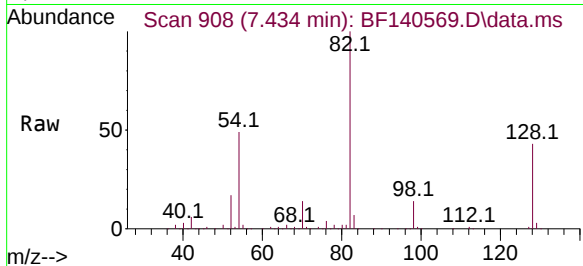




#23  
Nitrobenzene-d5  
Concen: 101.691 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

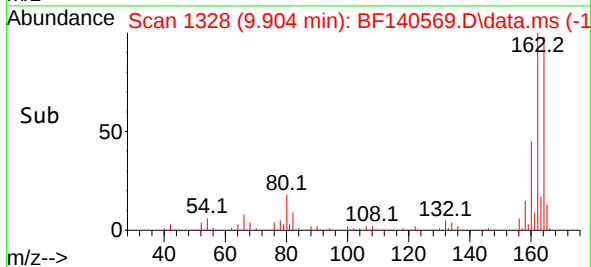
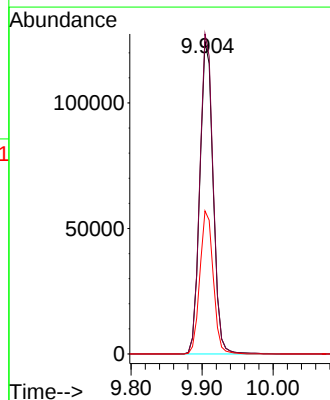
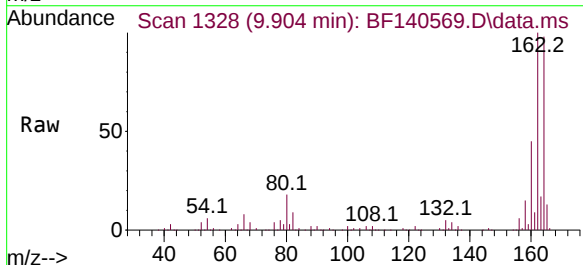
Instrument :  
BNA\_F  
ClientSampleId :  
MH-762

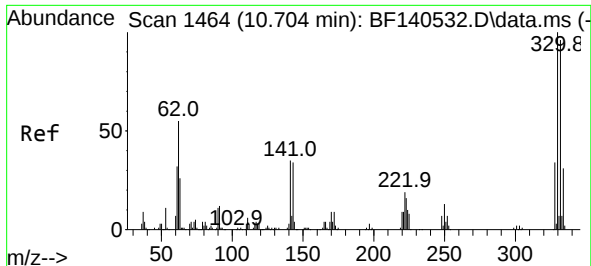
Tgt Ion: 82 Resp: 595691  
Ion Ratio Lower Upper  
82 100  
128 42.9 33.0 49.4  
54 48.8 39.5 59.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF140569.D  
Acq: 22 Nov 2024 11:36

Tgt Ion:164 Resp: 162627  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.6 120.8  
160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 161.354 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140569.D

Acq: 22 Nov 2024 11:36

Instrument :

BNA\_F

ClientSampleId :

MH-762

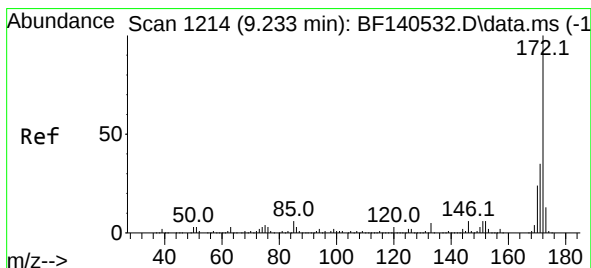
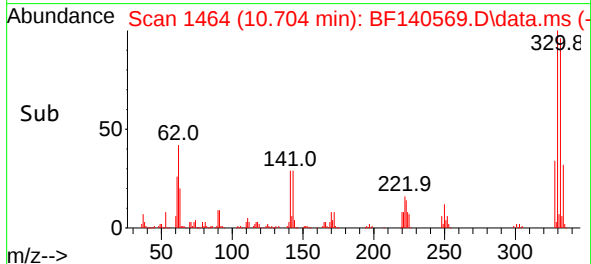
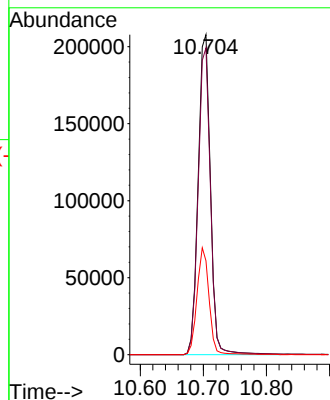
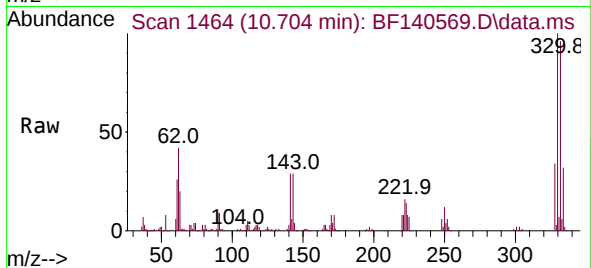
Tgt Ion:330 Resp: 280644

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 32.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.845 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140569.D

Acq: 22 Nov 2024 11:36

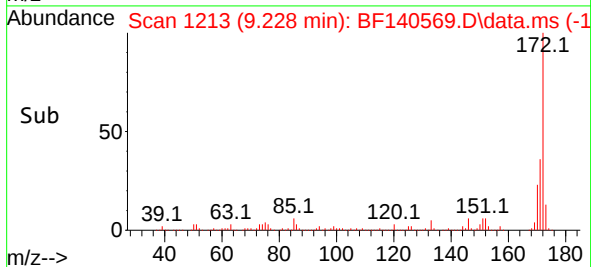
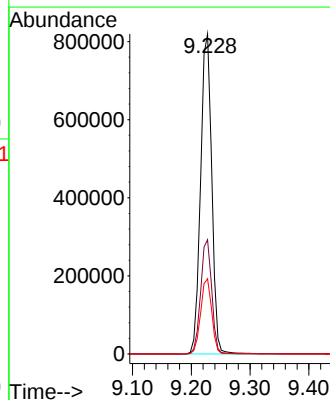
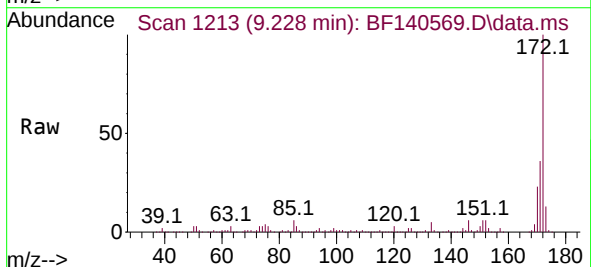
Tgt Ion:172 Resp: 1078889

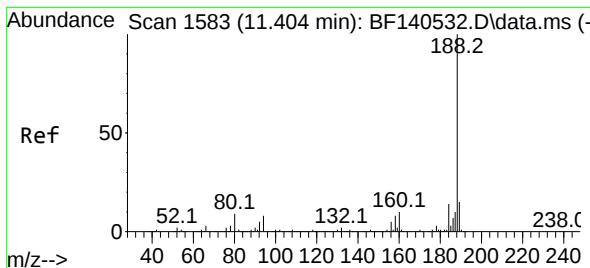
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140569.D

Acq: 22 Nov 2024 11:36

Instrument :

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ClientSampleId :

MH-762

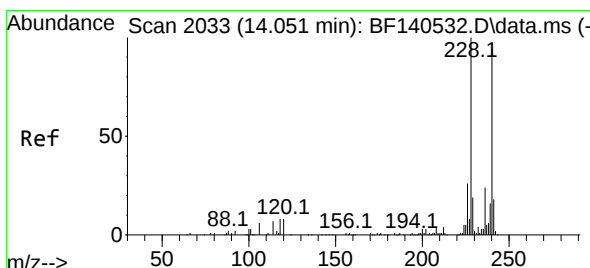
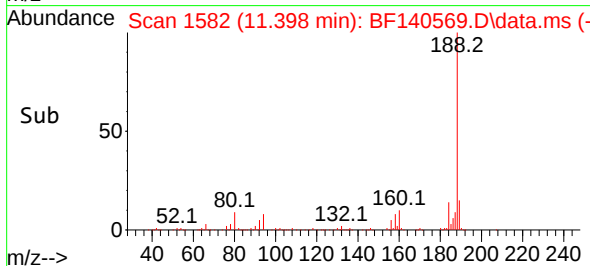
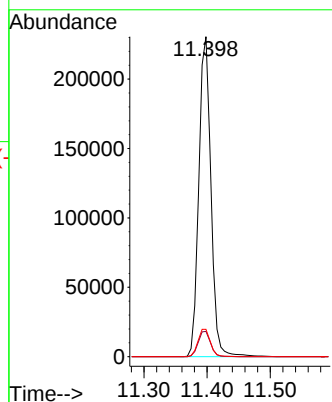
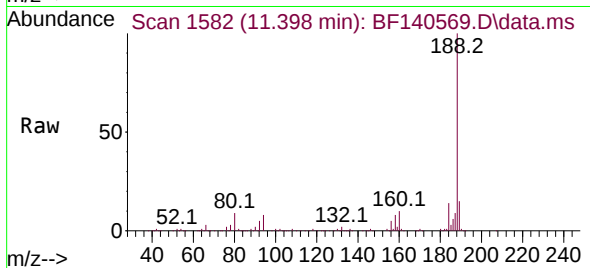
Tgt Ion:188 Resp: 306157

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140569.D

Acq: 22 Nov 2024 11:36

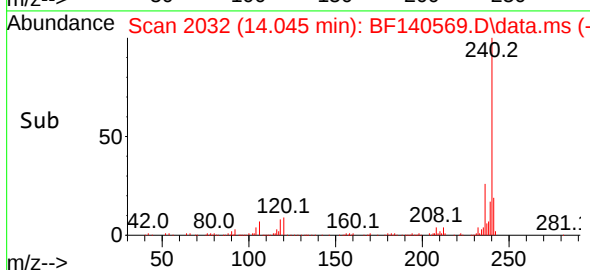
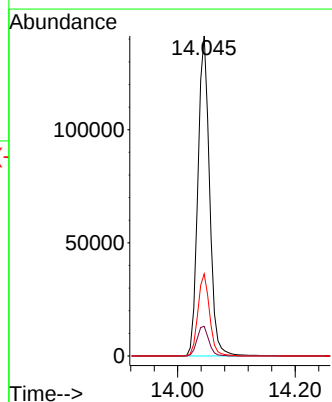
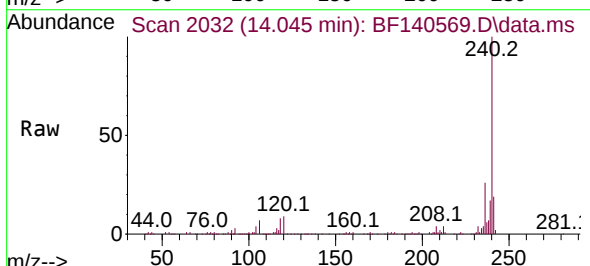
Tgt Ion:240 Resp: 193949

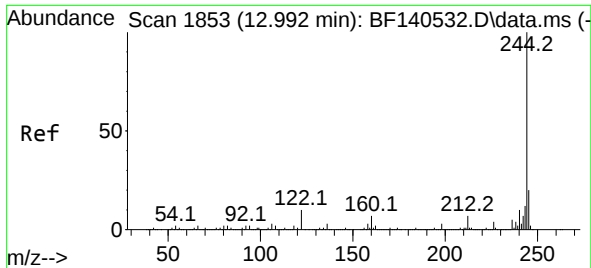
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.7 20.6 31.0

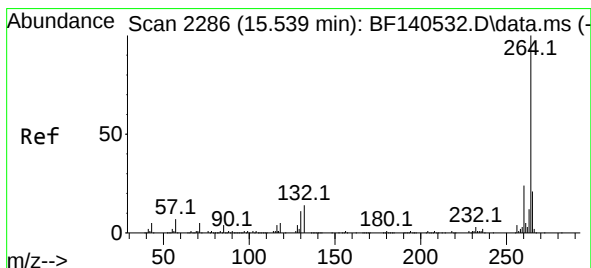
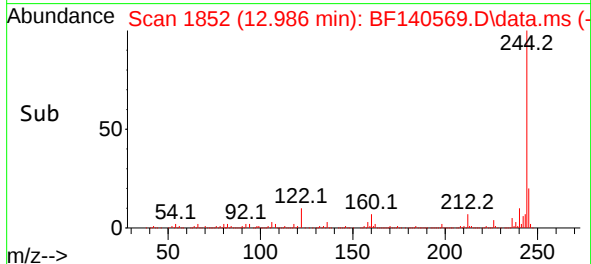
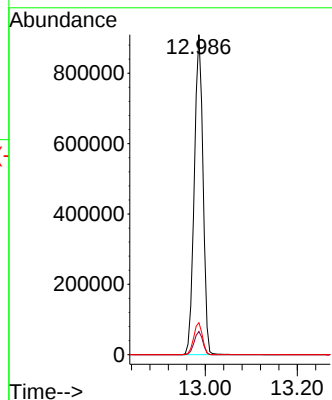
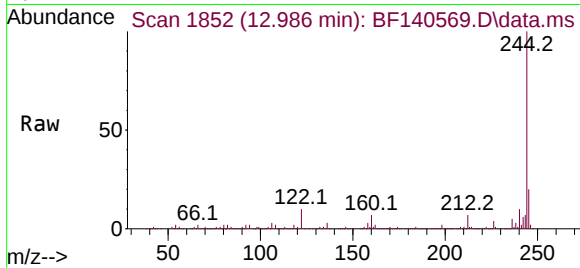




#79  
 Terphenyl-d14  
 Concen: 95.287 ng  
 RT: 12.986 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF140569.D  
 Acq: 22 Nov 2024 11:36

Instrument :  
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 MH-762

Tgt Ion:244 Resp: 1186857  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 10.0 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2285  
 Delta R.T. -0.006 min  
 Lab File: BF140569.D  
 Acq: 22 Nov 2024 11:36

Tgt Ion:264 Resp: 159076  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.6  
 265 21.2 16.6 25.0

