

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
 Data File : BF144142.D  
 Acq On : 29 Oct 2025 21:57  
 Operator : RC/JU  
 Sample : Q3472-12 20X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-5

Quant Time: Oct 30 02:23:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 24 17:30:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 51227    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 185855   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 92207    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 154582   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 155826   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 143277   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 11690    | 3.610  | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 13622    | 3.809  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 8455     | 2.492  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 3819     | 3.251  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 22485    | 3.432  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 26284    | 2.949  | ng    | 0.00     |

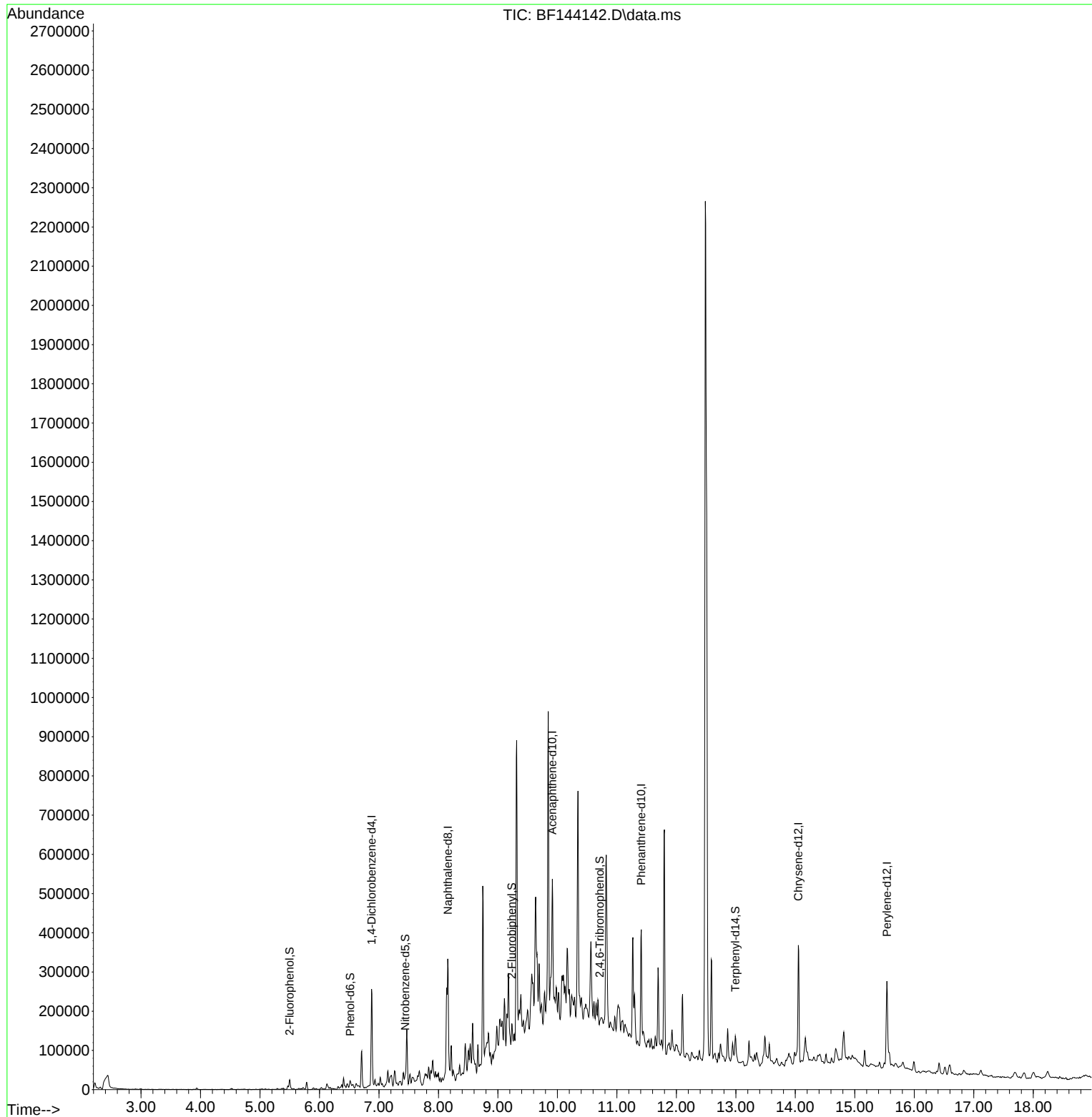
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Time: Oct 30 02:23:27 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
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Response via : Initial Calibration

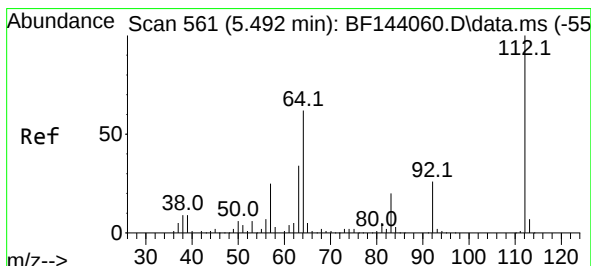
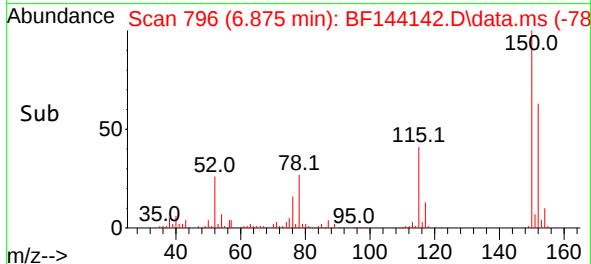
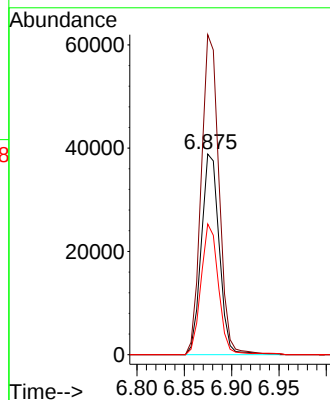
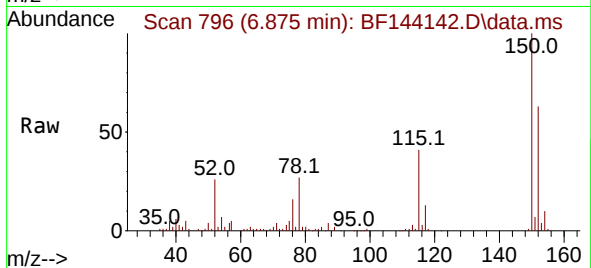




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

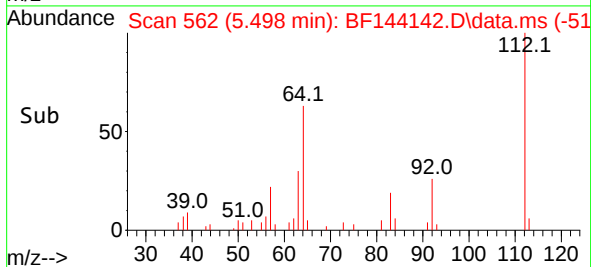
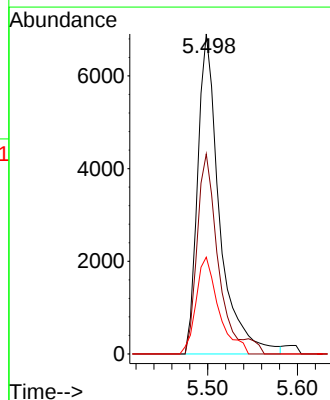
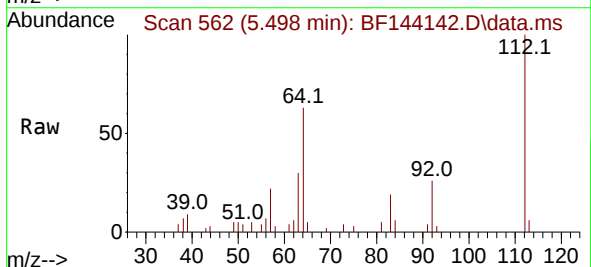
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-5

Tgt Ion:152 Resp: 51227  
Ion Ratio Lower Upper  
152 100  
150 159.4 124.4 186.6  
115 65.1 49.4 74.0



#5  
2-Fluorophenol  
Concen: 3.610 ng  
RT: 5.498 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

Tgt Ion:112 Resp: 11690  
Ion Ratio Lower Upper  
112 100  
64 62.5 49.8 74.8  
63 30.3 27.4 41.2

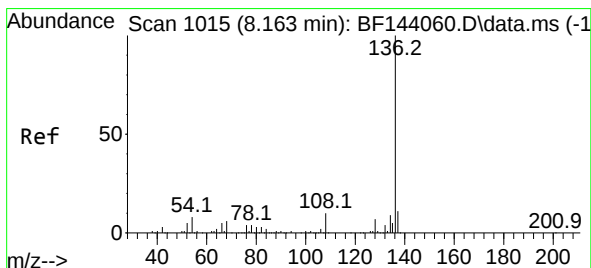
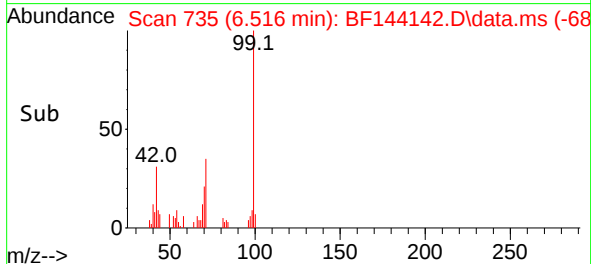
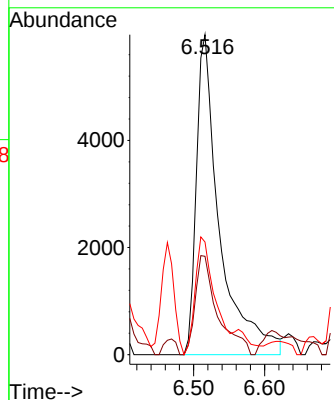
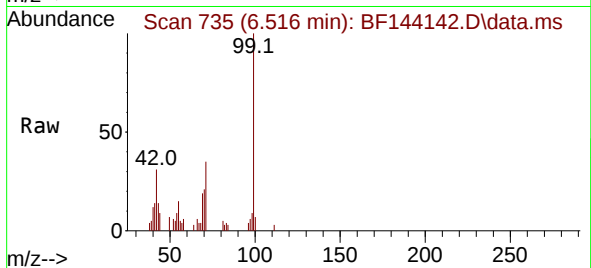




#7  
Phenol-d6  
Concen: 3.809 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

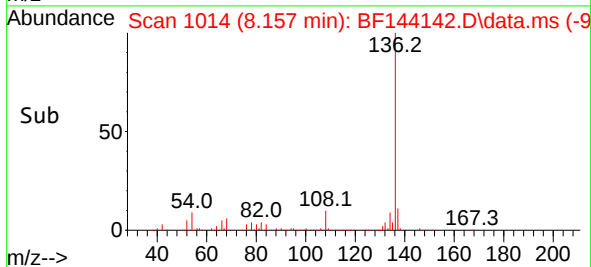
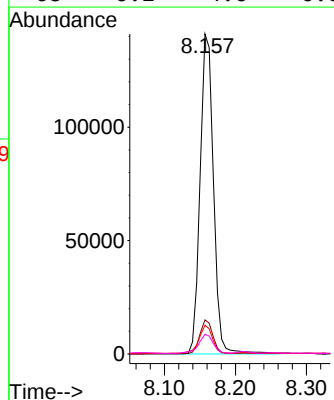
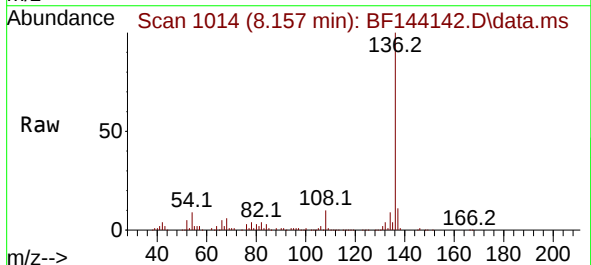
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-5

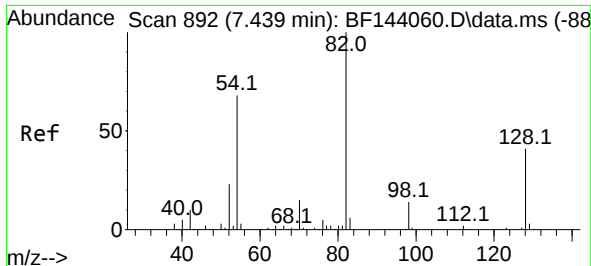
Tgt Ion: 99 Resp: 13622  
Ion Ratio Lower Upper  
99 100  
42 30.7 23.9 35.9  
71 35.2 34.4 51.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

Tgt Ion: 136 Resp: 185855  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.9 6.6 9.8  
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 2.492 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144142.D

Acq: 29 Oct 2025 21:57

Instrument :

BNA\_F

ClientSampleId :

COMP-5

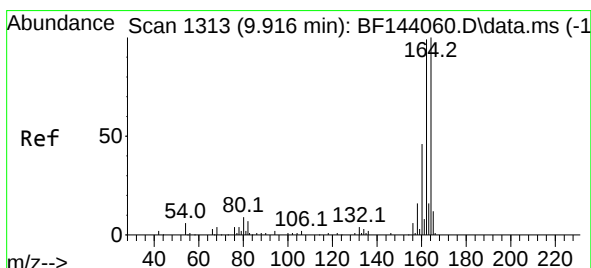
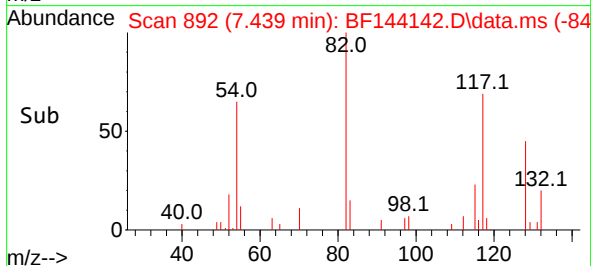
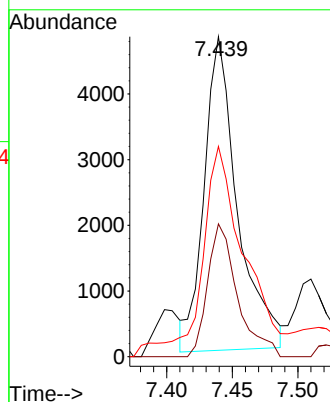
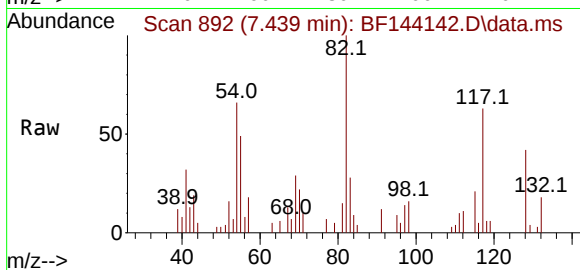
Tgt Ion: 82 Resp: 8455

Ion Ratio Lower Upper

82 100

128 41.5 32.4 48.6

54 65.7 54.0 81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144142.D

Acq: 29 Oct 2025 21:57

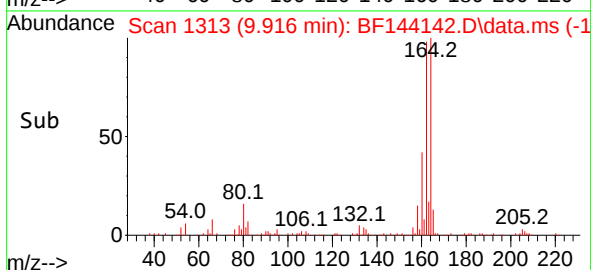
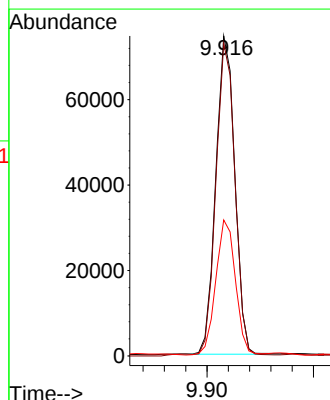
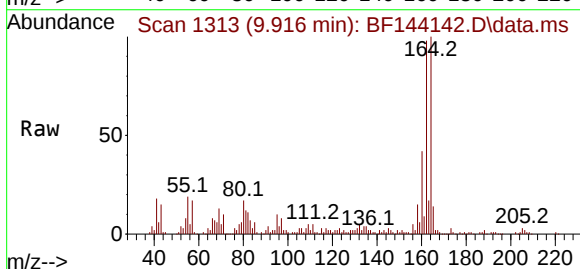
Tgt Ion:164 Resp: 92207

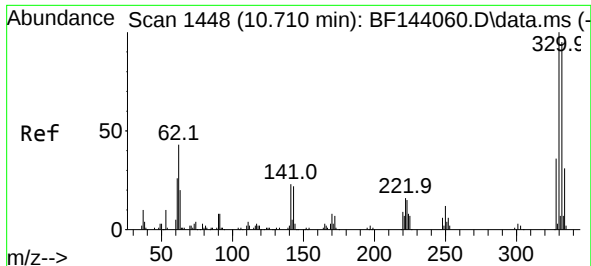
Ion Ratio Lower Upper

164 100

162 97.7 79.4 119.2

160 42.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 3.251 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144142.D

Acq: 29 Oct 2025 21:57

Instrument :

BNA\_F

ClientSampleId :

COMP-5

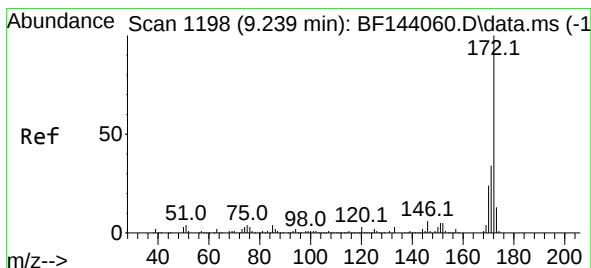
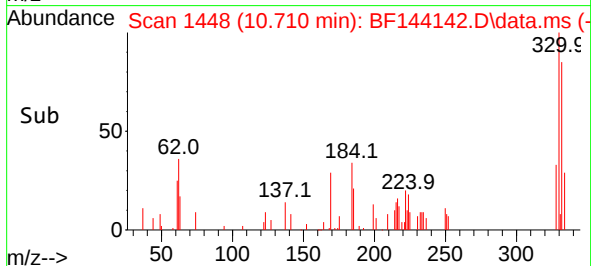
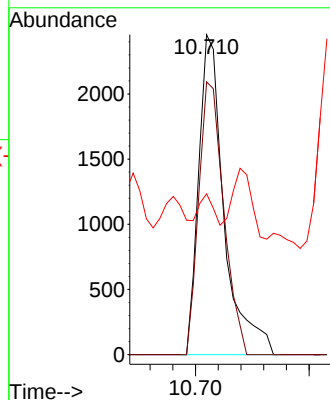
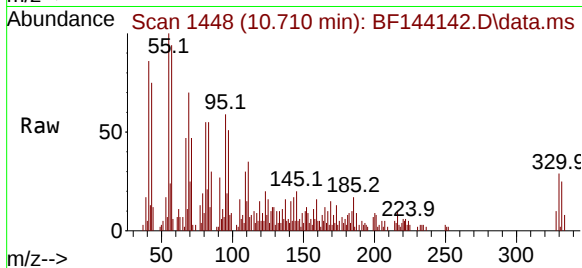
Tgt Ion:330 Resp: 3819

Ion Ratio Lower Upper

330 100

332 83.5 77.0 115.6

141 8.7 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 3.432 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144142.D

Acq: 29 Oct 2025 21:57

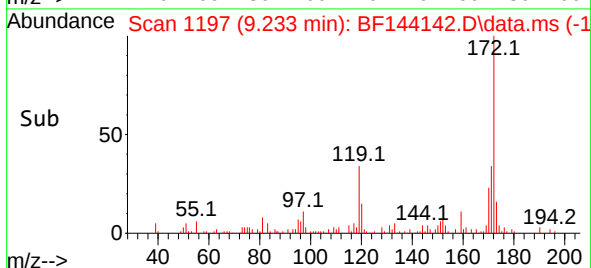
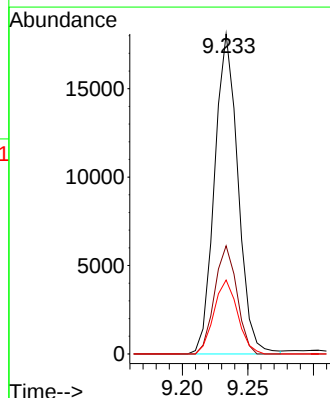
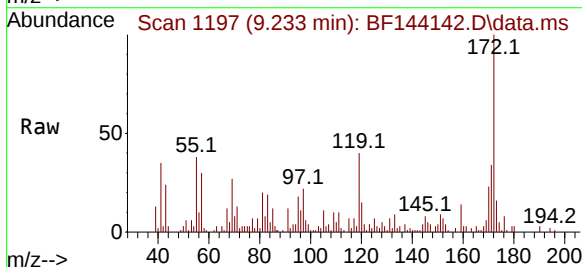
Tgt Ion:172 Resp: 22485

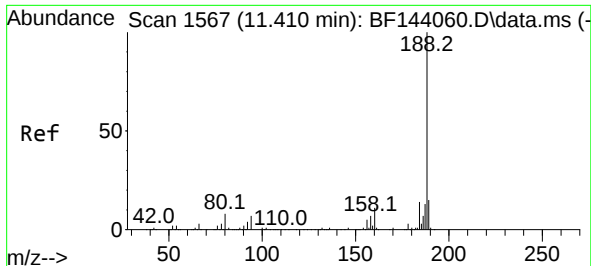
Ion Ratio Lower Upper

172 100

171 33.8 27.5 41.3

170 23.1 19.0 28.6

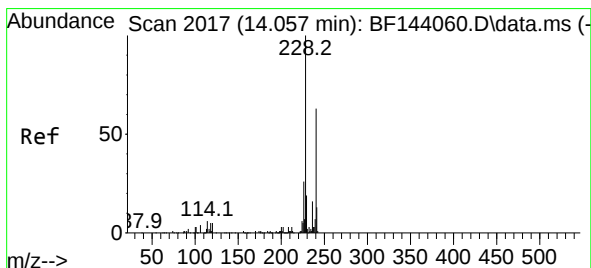
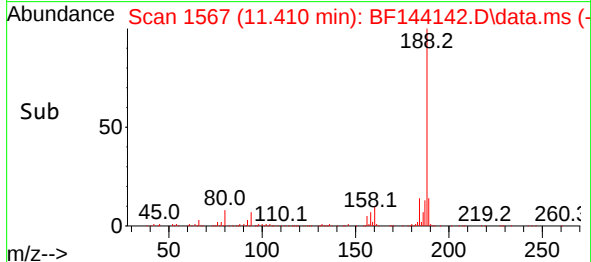
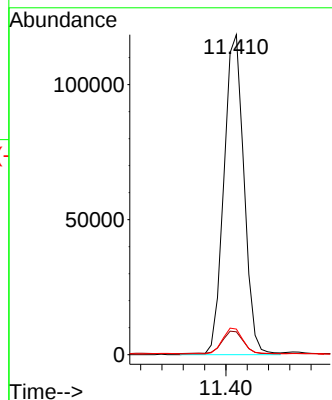
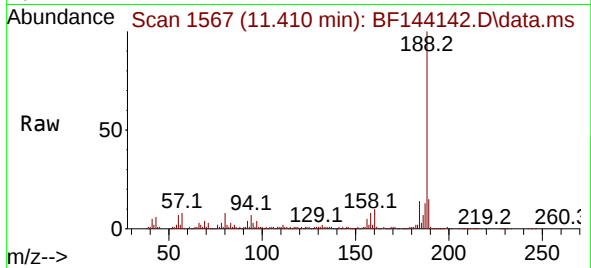




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

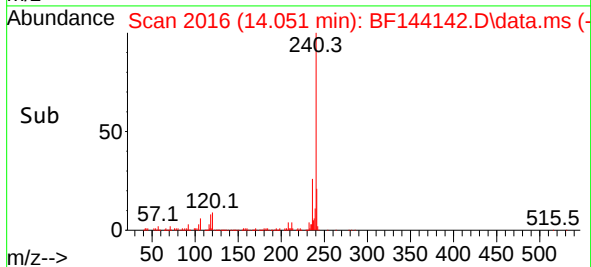
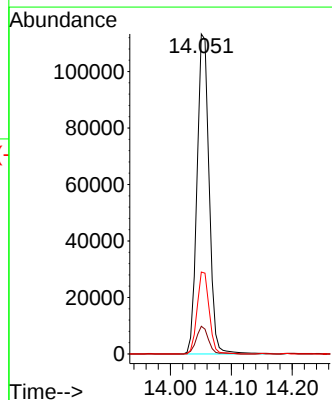
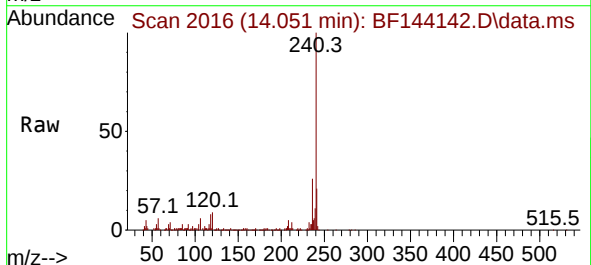
Instrument :  
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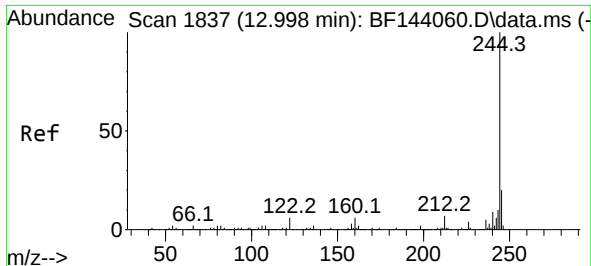
Tgt Ion:188 Resp: 154582  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.4 8.0  
80 8.0 6.0 9.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144142.D  
Acq: 29 Oct 2025 21:57

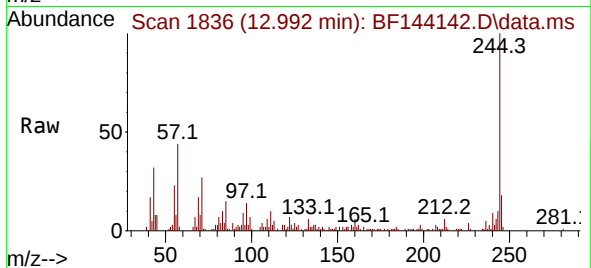
Tgt Ion:240 Resp: 155826  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.5 9.7  
236 25.6 20.1 30.1



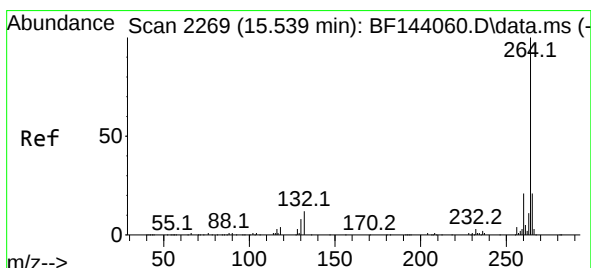
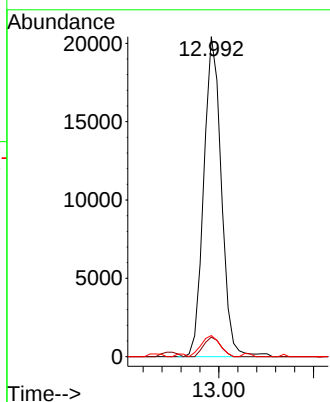
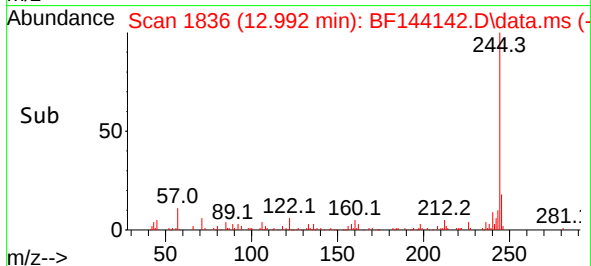


#79  
 Terphenyl-d14  
 Concen: 2.949 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF144142.D  
 Acq: 29 Oct 2025 21:57

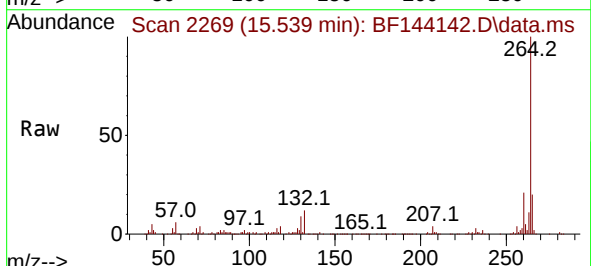
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-5



Tgt Ion:244 Resp: 26284  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.8 8.6  
 122 6.6 4.9 7.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. 0.000 min  
 Lab File: BF144142.D  
 Acq: 29 Oct 2025 21:57



Tgt Ion:264 Resp: 143277  
 Ion Ratio Lower Upper  
 264 100  
 260 21.3 17.0 25.4  
 265 20.3 16.6 24.8

