

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111125\  
 Data File : BF144225.D  
 Acq On : 12 Nov 2025 02:23  
 Operator : RC/JU  
 Sample : Q3587-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-110725

Quant Time: Nov 12 03:50:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 80743    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 303931   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 155231   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 229998   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 170485   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 154440   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 340822   | 66.054 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 384075   | 65.695 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 239683   | 45.546 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 105902   | 54.365 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 495869   | 47.179 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 430744   | 40.132 | ng    | 0.00     |

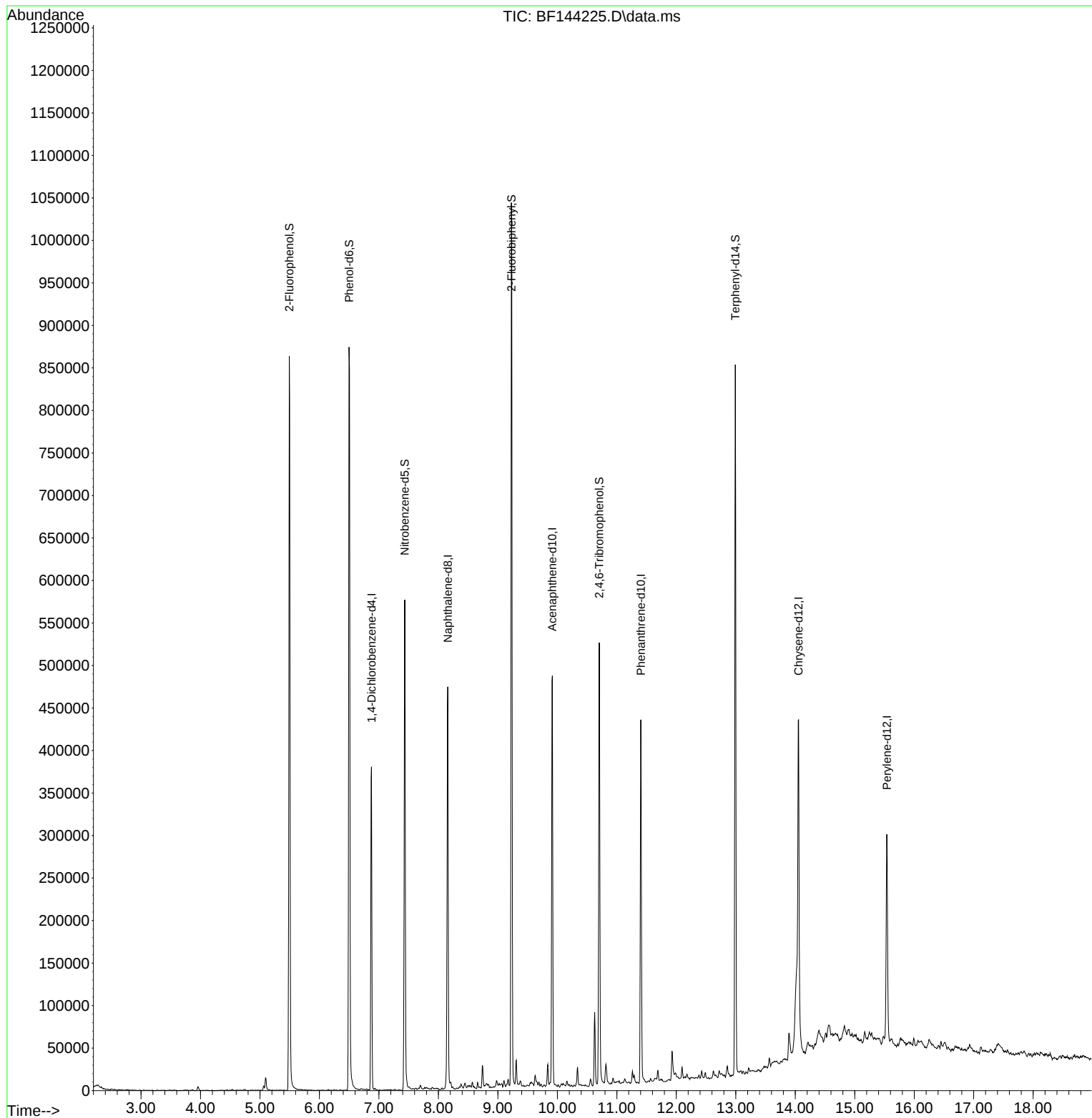
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

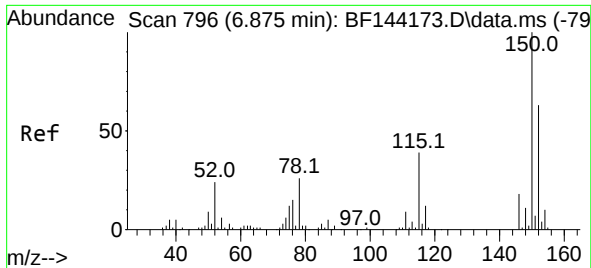
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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QLast Update : Wed Nov 05 18:37:33 2025  
Response via : Initial Calibration

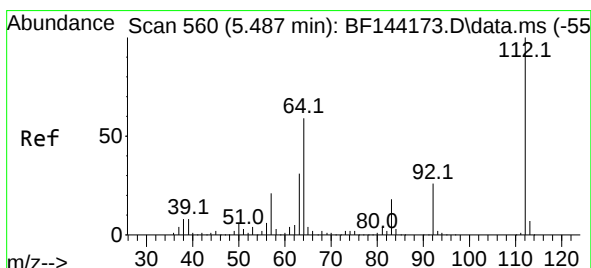
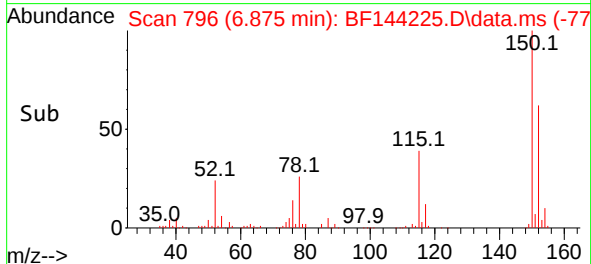
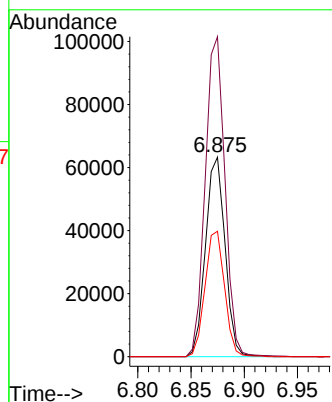
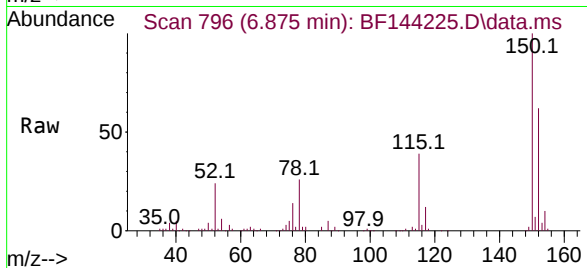




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: BF144225.D  
 Acq: 12 Nov 2025 02:23

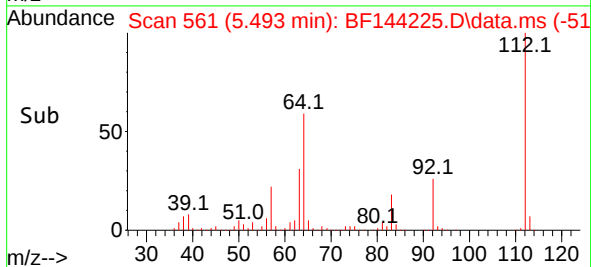
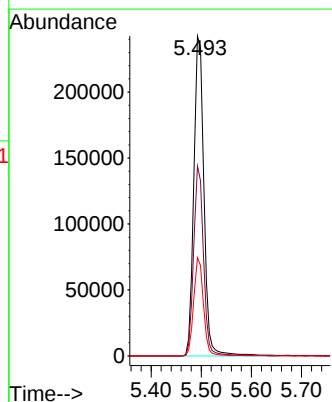
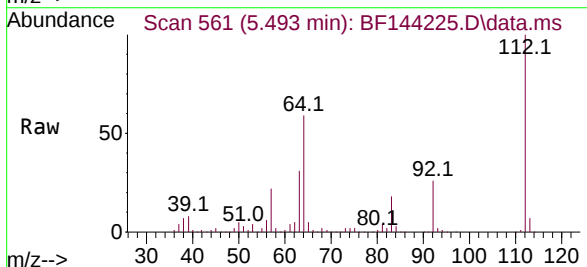
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-110725

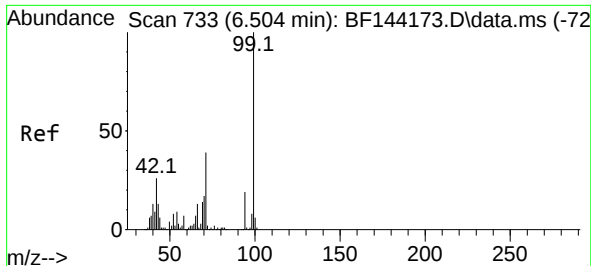
Tgt Ion:152 Resp: 80743  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 127.4 191.0  
 115 62.9 49.5 74.3



#5  
 2-Fluorophenol  
 Concen: 66.054 ng  
 RT: 5.493 min Scan# 561  
 Delta R.T. -0.000 min  
 Lab File: BF144225.D  
 Acq: 12 Nov 2025 02:23

Tgt Ion:112 Resp: 340822  
 Ion Ratio Lower Upper  
 112 100  
 64 59.4 47.2 70.8  
 63 30.7 24.4 36.6

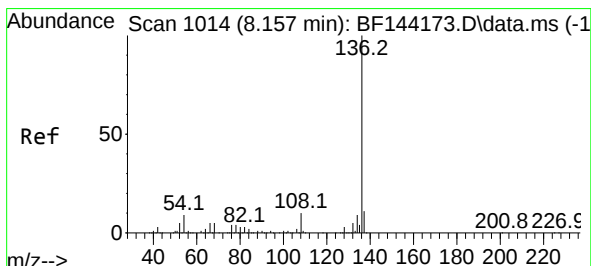
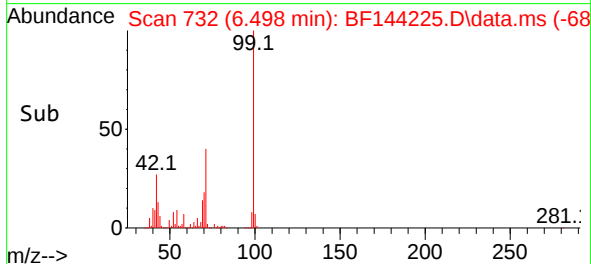
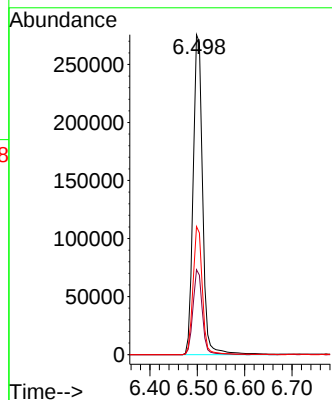
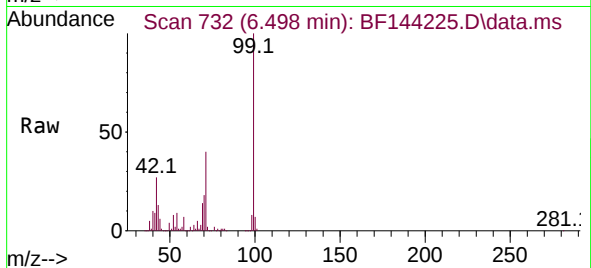




#7  
Phenol-d6  
Concen: 65.695 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BF144225.D  
Acq: 12 Nov 2025 02:23

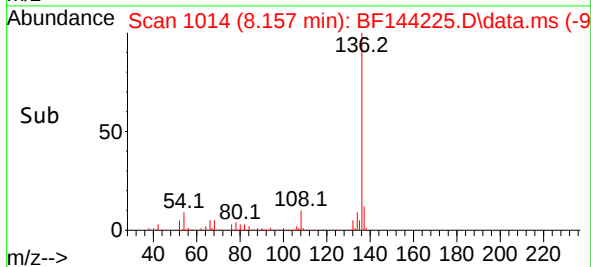
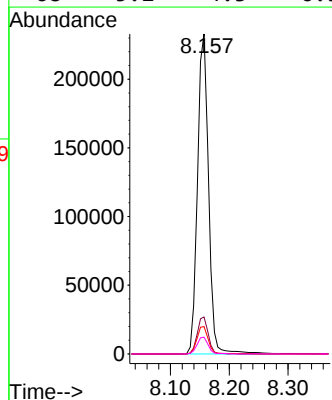
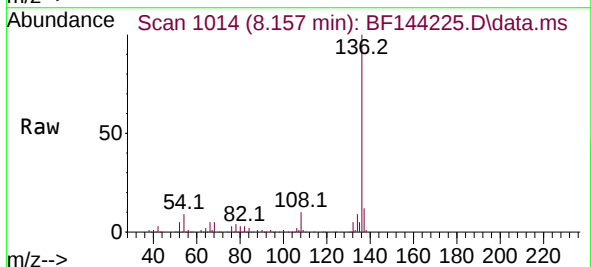
Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-110725

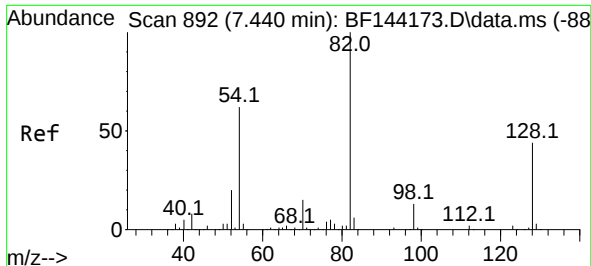
Tgt Ion: 99 Resp: 384075  
Ion Ratio Lower Upper  
99 100  
42 26.5 20.9 31.3  
71 40.0 31.4 47.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF144225.D  
Acq: 12 Nov 2025 02:23

Tgt Ion: 136 Resp: 303931  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.6 13.0  
54 8.5 7.0 10.6  
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 45.546 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Instrument :

BNA\_F

ClientSampleId :

NB-08-110725

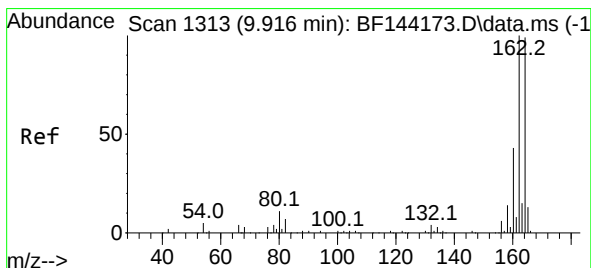
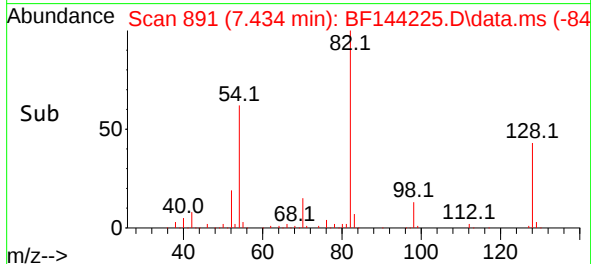
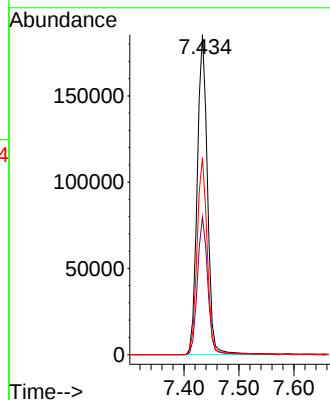
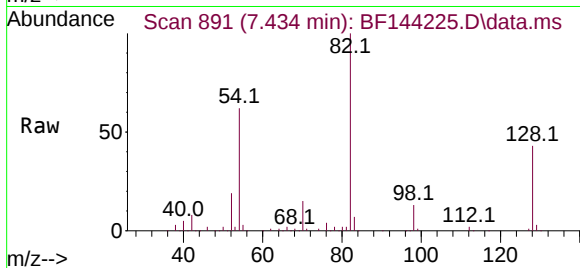
Tgt Ion: 82 Resp: 239683

Ion Ratio Lower Upper

82 100

128 43.0 34.7 52.1

54 61.5 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

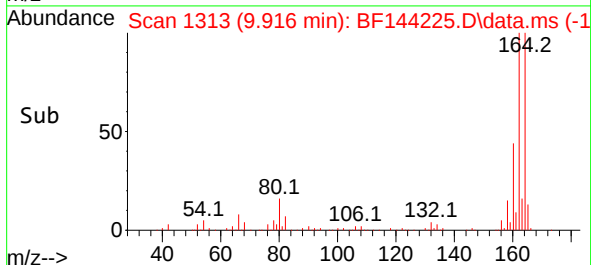
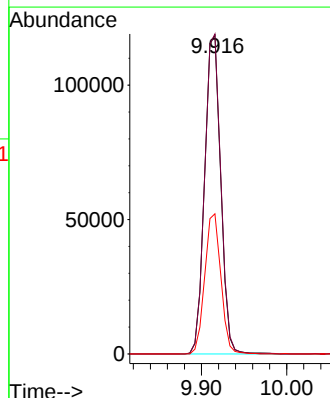
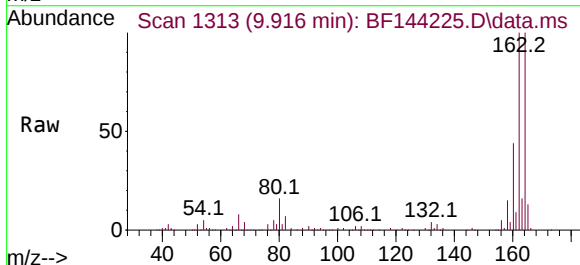
Tgt Ion:164 Resp: 155231

Ion Ratio Lower Upper

164 100

162 100.4 81.1 121.7

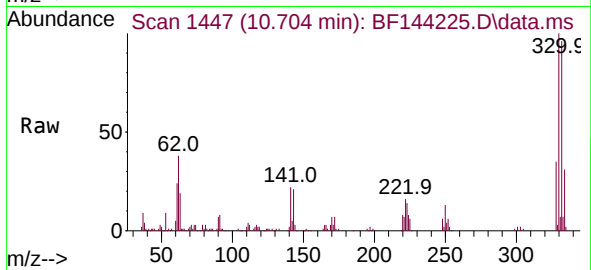
160 44.0 34.5 51.7



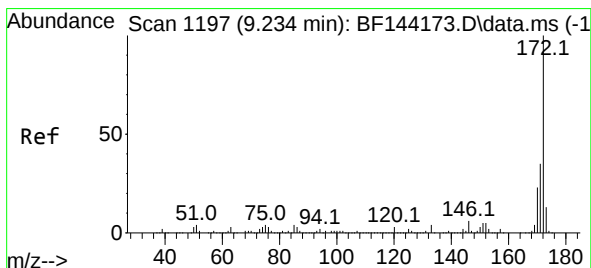
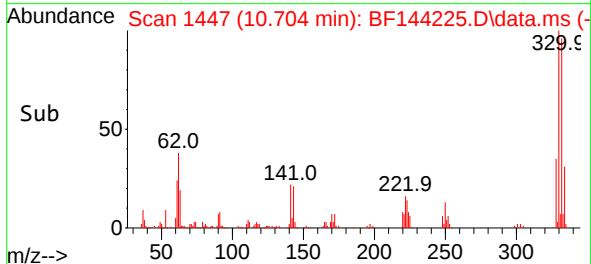
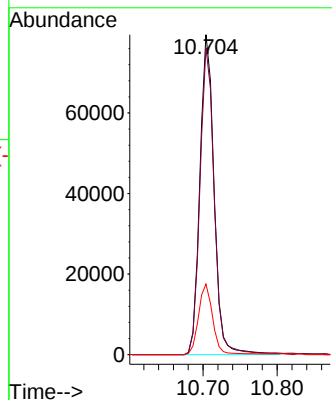


#42  
2,4,6-Tribromophenol  
Concen: 54.365 ng  
RT: 10.704 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: BF144225.D  
Acq: 12 Nov 2025 02:23

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BNA\_F  
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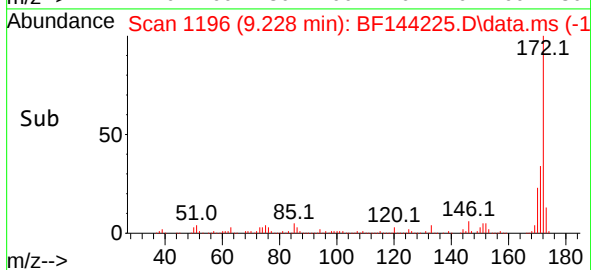
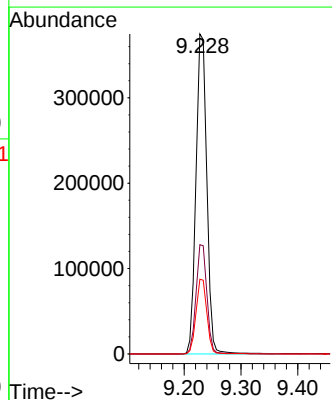
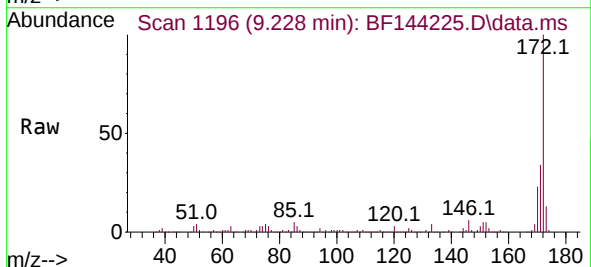


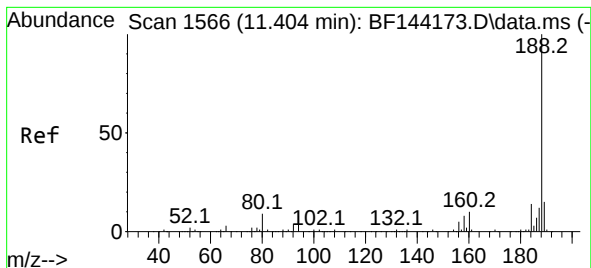
Tgt Ion:330 Resp: 105902  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.7 115.1  
141 22.0 17.8 26.8



#45  
2-Fluorobiphenyl  
Concen: 47.179 ng  
RT: 9.228 min Scan# 1196  
Delta R.T. -0.000 min  
Lab File: BF144225.D  
Acq: 12 Nov 2025 02:23

Tgt Ion:172 Resp: 495869  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.1 42.1  
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Instrument :

BNA\_F

ClientSampleId :

NB-08-110725

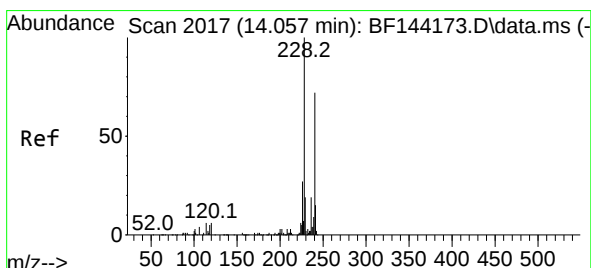
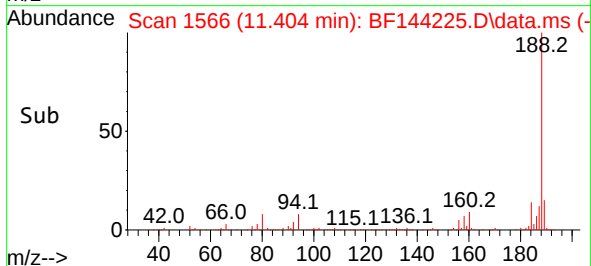
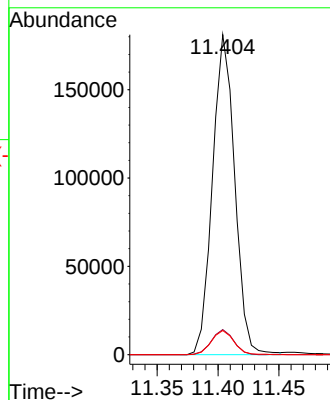
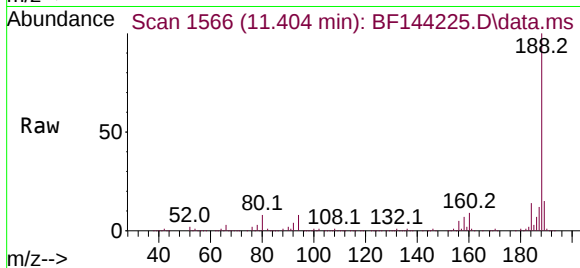
Tgt Ion:188 Resp: 229998

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

80 7.5 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

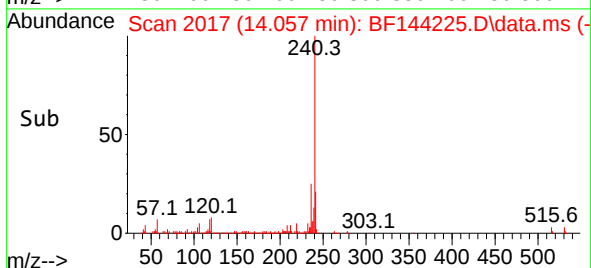
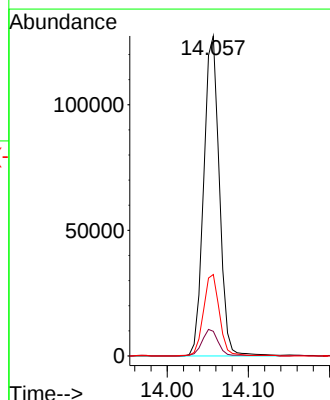
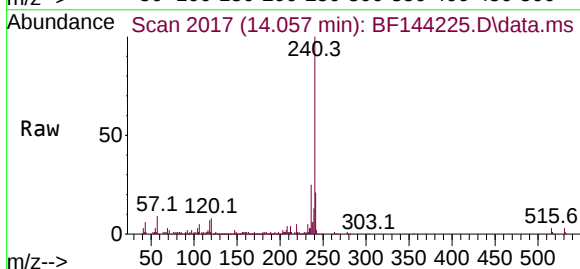
Tgt Ion:240 Resp: 170485

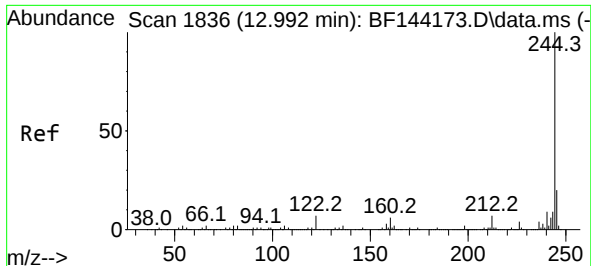
Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

236 25.4 21.4 32.2

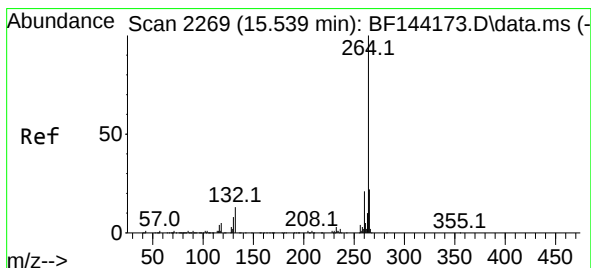
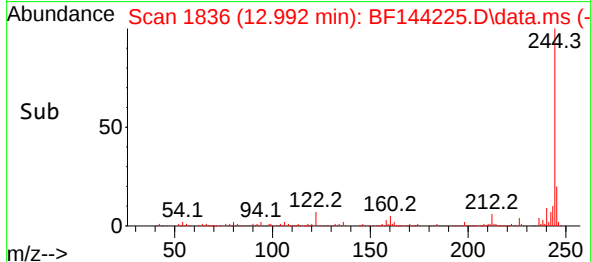
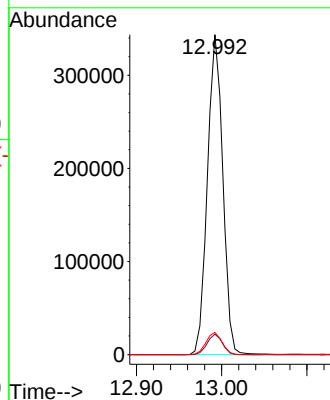
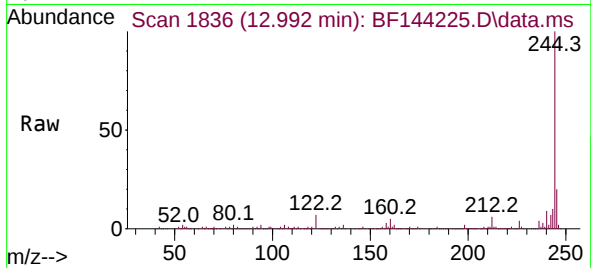




#79  
 Terphenyl-d14  
 Concen: 40.132 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: BF144225.D  
 Acq: 12 Nov 2025 02:23

Instrument :  
 BNA\_F  
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 NB-08-110725

Tgt Ion:244 Resp: 430744  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.3 7.9  
 122 6.9 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. -0.000 min  
 Lab File: BF144225.D  
 Acq: 12 Nov 2025 02:23

Tgt Ion:264 Resp: 154440  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 17.1 25.7  
 265 22.2 17.4 26.0

