

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110625\  
 Data File : BF144195.D  
 Acq On : 06 Nov 2025 18:53  
 Operator : RC/JU  
 Sample : Q3532-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Nov 07 00:02:06 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  | 63921    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 234822   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 123308   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 195880   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 159923   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 203860   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 487872   | 119.438 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 514000   | 111.055 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 379302   | 93.290  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 203573   | 131.560 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 789597   | 94.575  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 738226   | 73.323  | ng    | 0.00     |

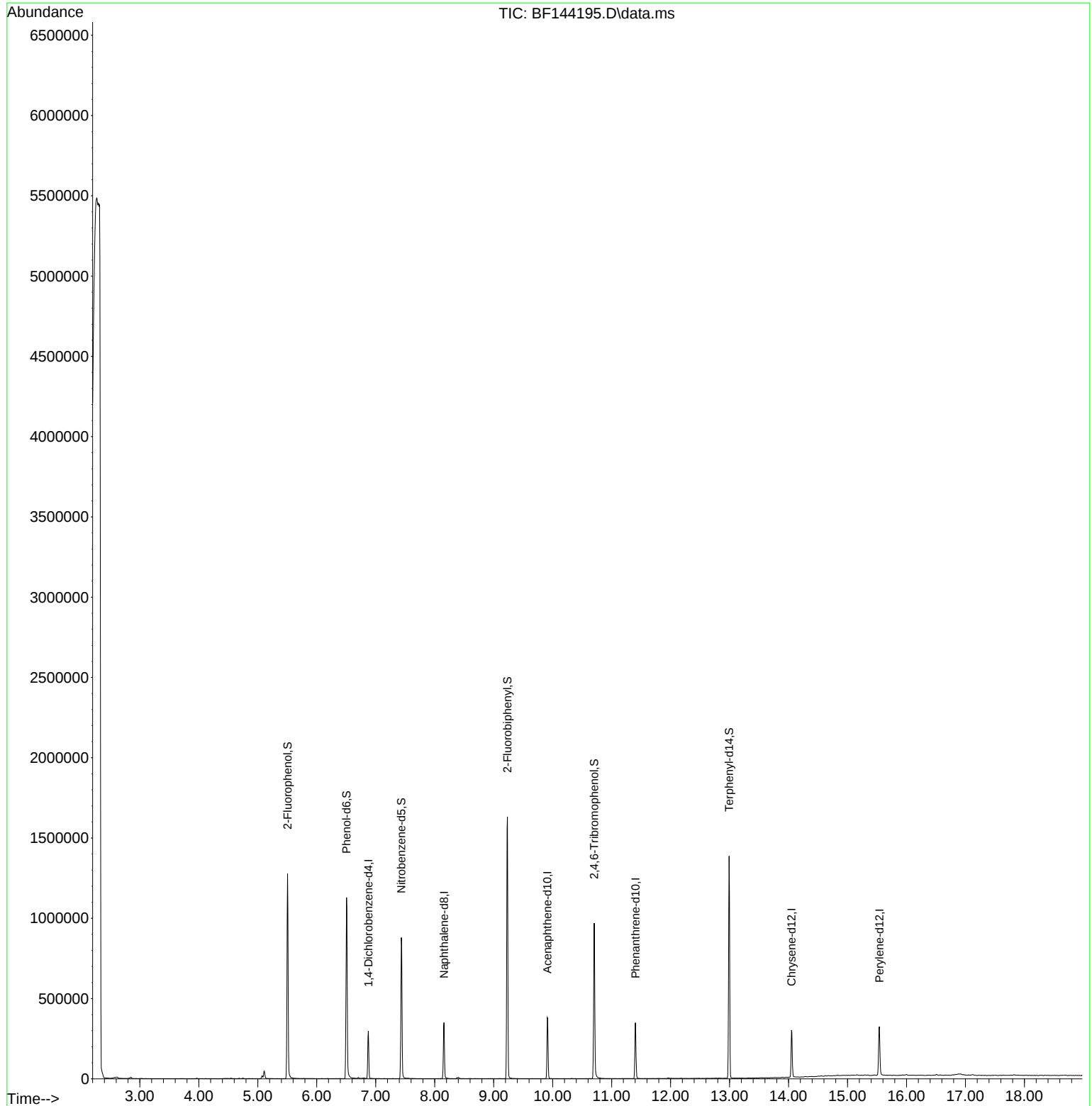
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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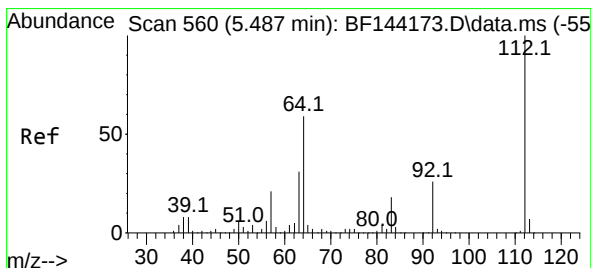
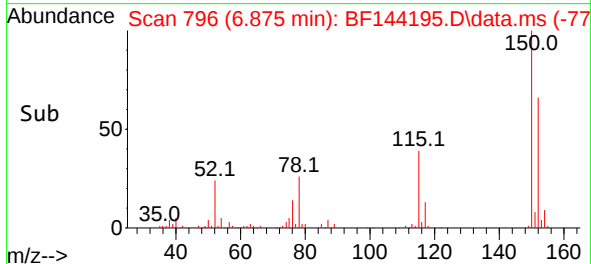
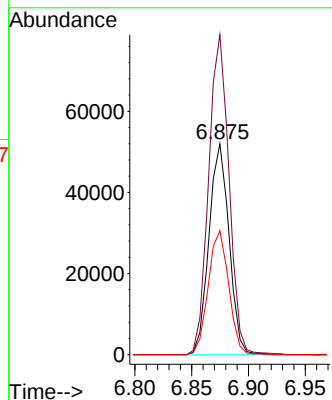
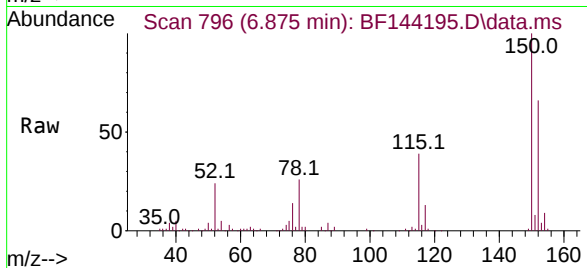




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

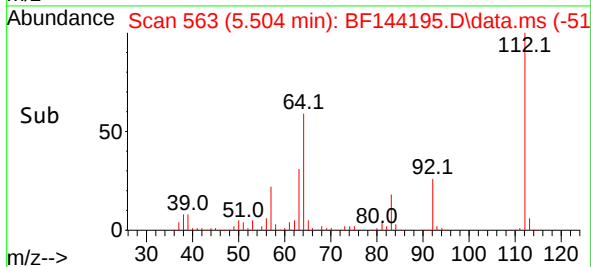
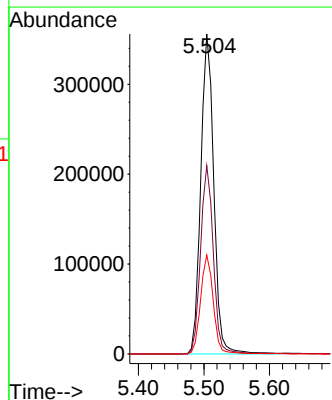
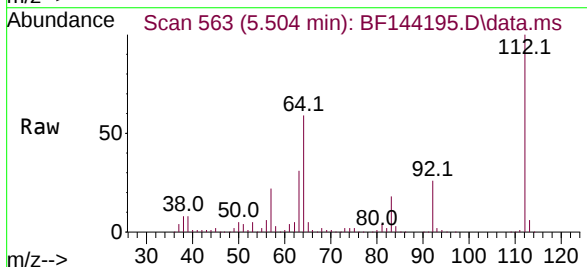
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

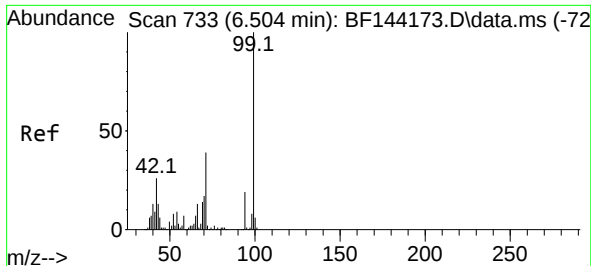
Tgt Ion:152 Resp: 63921  
Ion Ratio Lower Upper  
152 100  
150 151.8 127.4 191.0  
115 58.8 49.5 74.3



#5  
2-Fluorophenol  
Concen: 119.438 ng  
RT: 5.504 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

Tgt Ion:112 Resp: 487872  
Ion Ratio Lower Upper  
112 100  
64 58.8 47.2 70.8  
63 30.9 24.4 36.6

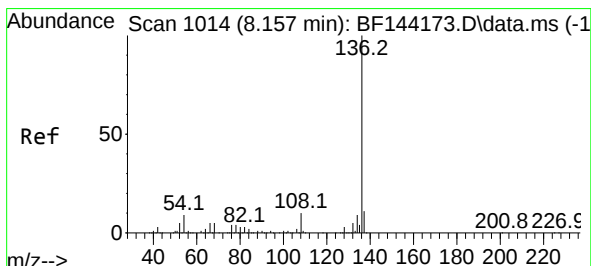
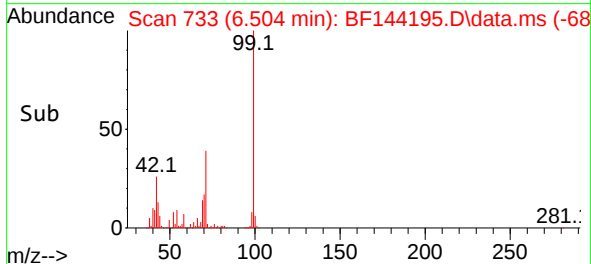
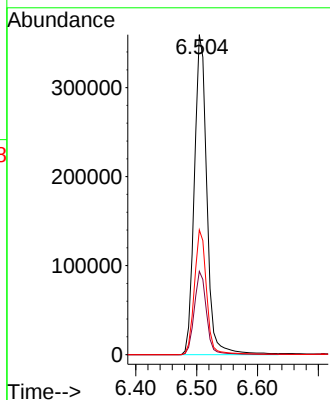
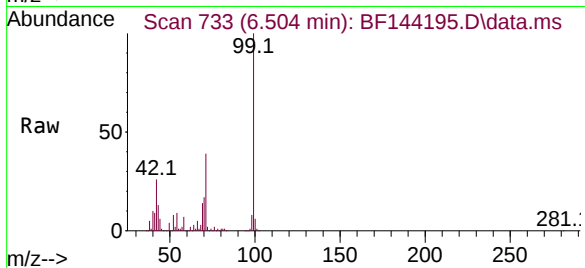




#7  
Phenol-d6  
Concen: 111.055 ng  
RT: 6.504 min Scan# 733  
Delta R.T. 0.006 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

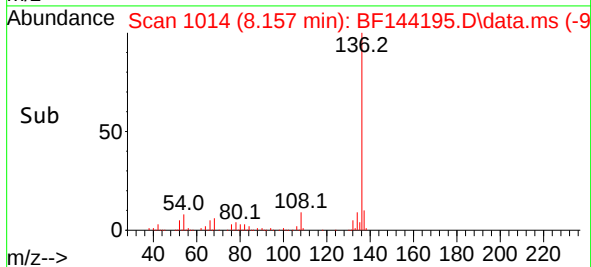
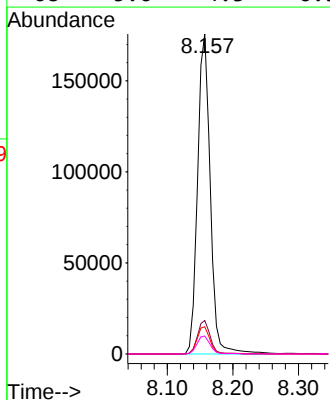
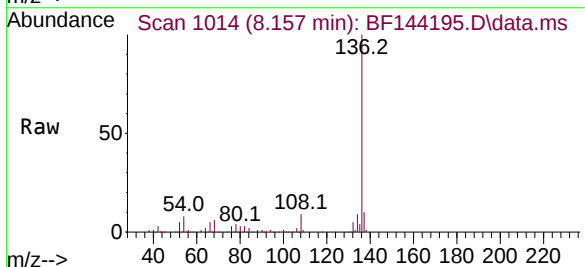
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

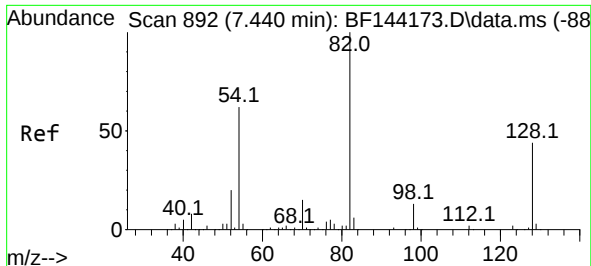
Tgt Ion: 99 Resp: 514000  
Ion Ratio Lower Upper  
99 100  
42 26.0 20.9 31.3  
71 39.0 31.4 47.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

Tgt Ion: 136 Resp: 234822  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.5 7.0 10.6  
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 93.290 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144195.D

Acq: 06 Nov 2025 18:53

Instrument :

BNA\_F

ClientSampleId :

TP-2

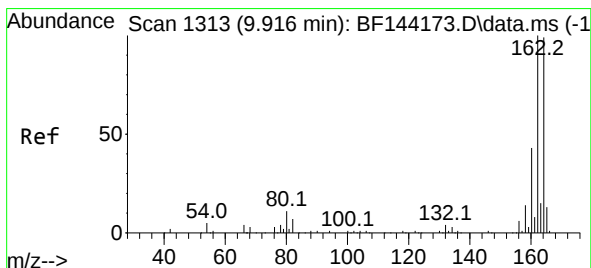
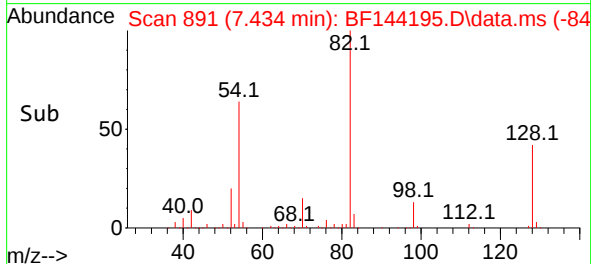
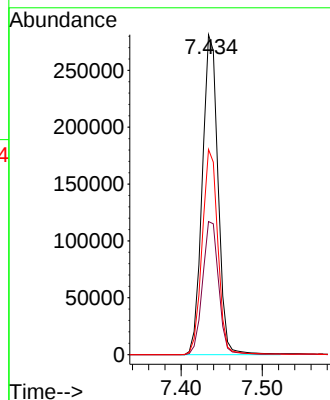
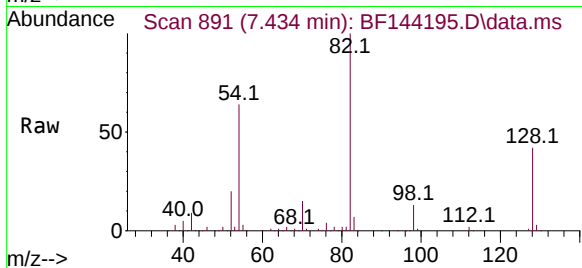
Tgt Ion: 82 Resp: 379302

Ion Ratio Lower Upper

82 100

128 41.6 34.7 52.1

54 64.1 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144195.D

Acq: 06 Nov 2025 18:53

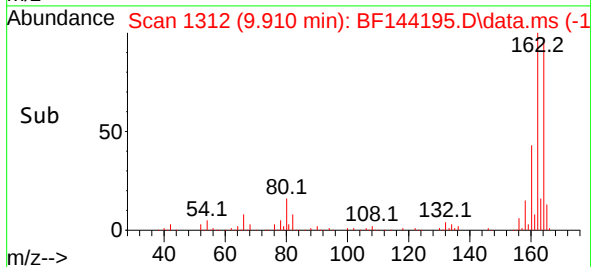
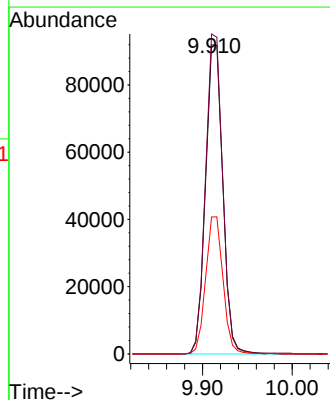
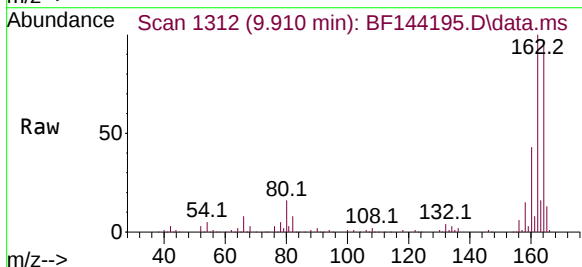
Tgt Ion:164 Resp: 123308

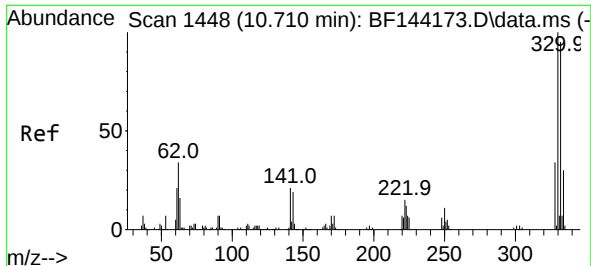
Ion Ratio Lower Upper

164 100

162 103.5 81.1 121.7

160 44.3 34.5 51.7

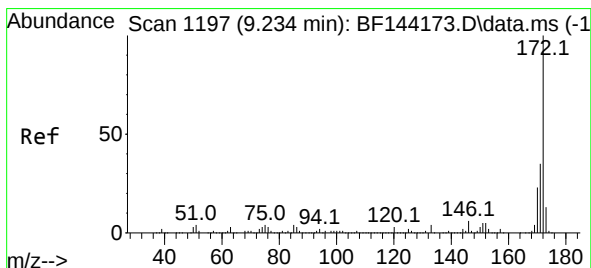
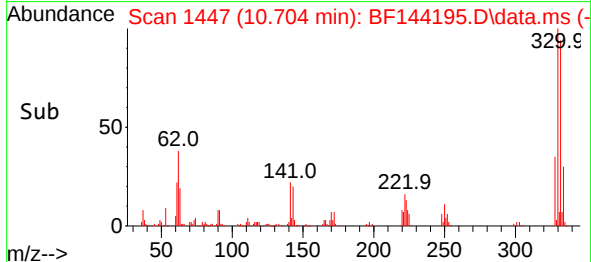
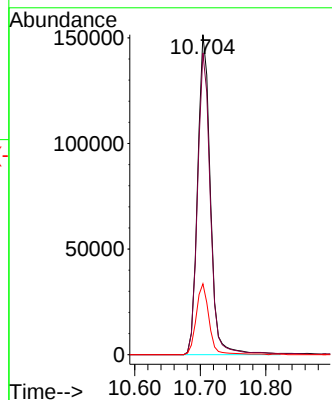
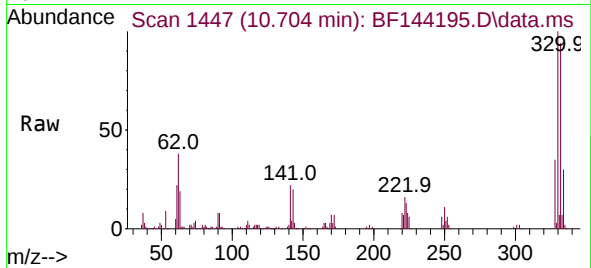




#42  
2,4,6-Tribromophenol  
Concen: 131.560 ng  
RT: 10.704 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

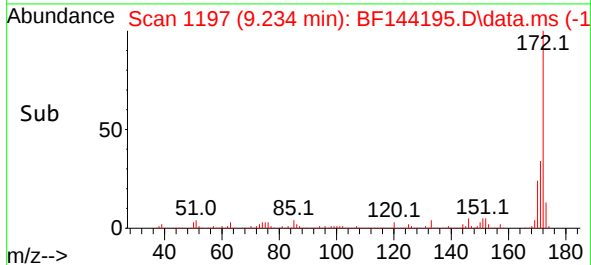
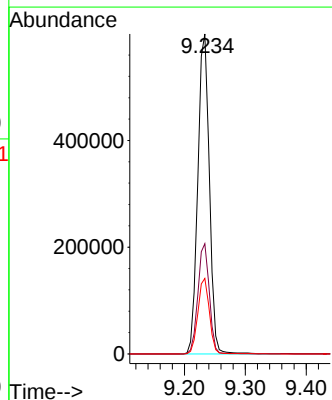
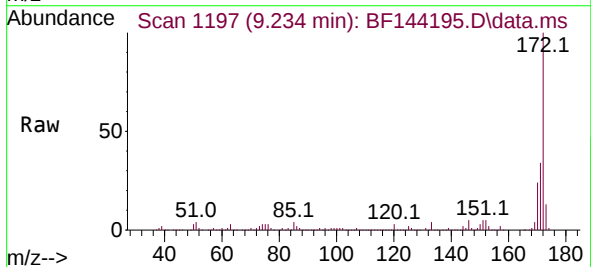
Instrument :  
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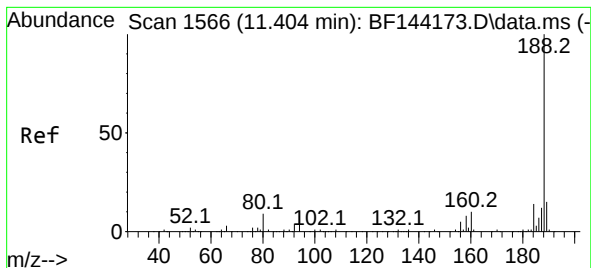
Tgt Ion: 330 Resp: 203573  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.7 115.1  
141 22.3 17.8 26.8



#45  
2-Fluorobiphenyl  
Concen: 94.575 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. 0.006 min  
Lab File: BF144195.D  
Acq: 06 Nov 2025 18:53

Tgt Ion: 172 Resp: 789597  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144195.D

Acq: 06 Nov 2025 18:53

Instrument :

BNA\_F

ClientSampleId :

TP-2

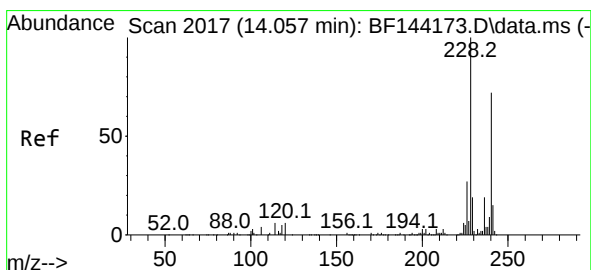
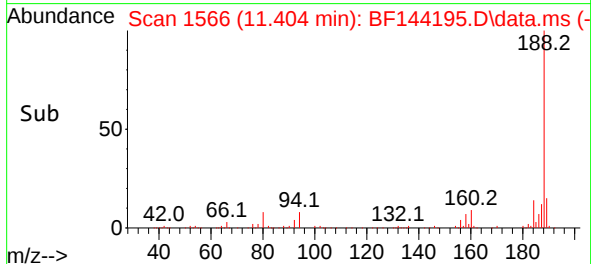
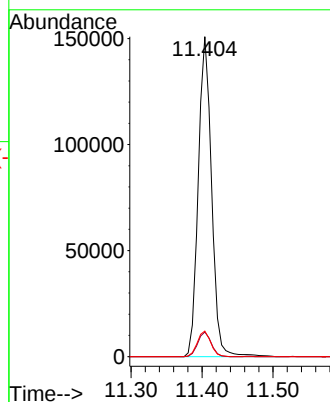
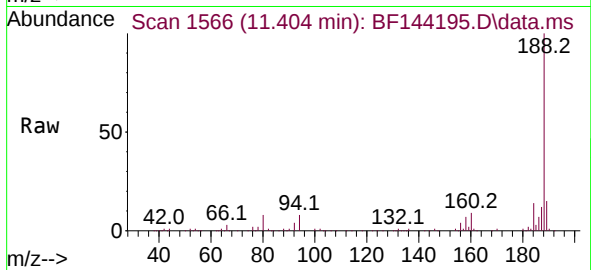
Tgt Ion:188 Resp: 195880

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 8.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF144195.D

Acq: 06 Nov 2025 18:53

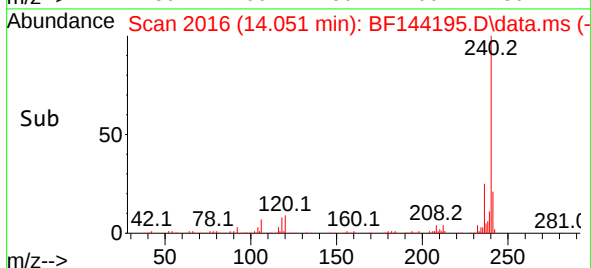
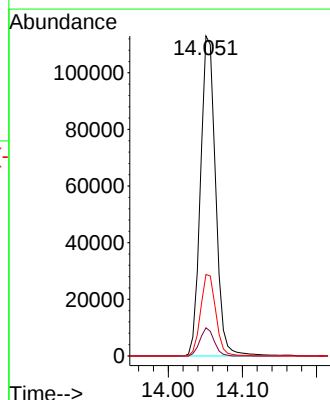
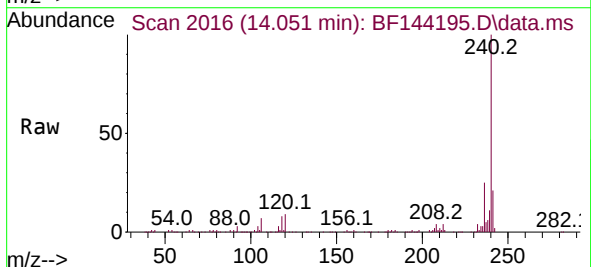
Tgt Ion:240 Resp: 159923

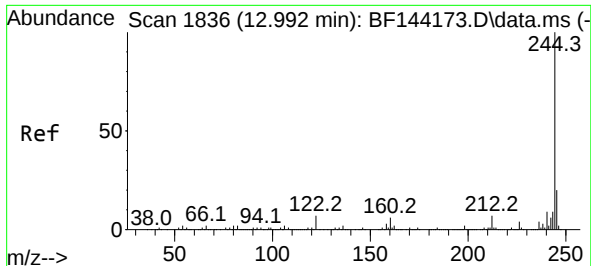
Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

236 25.4 21.4 32.2

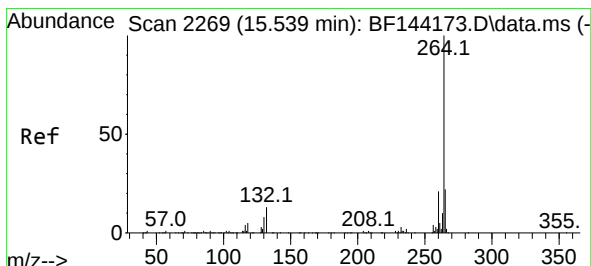
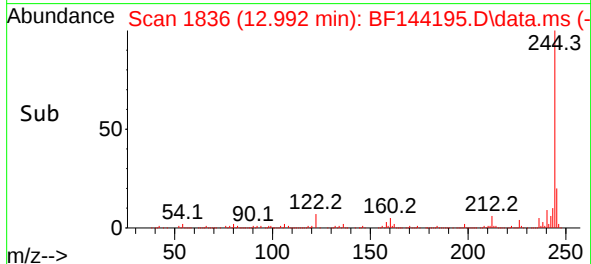
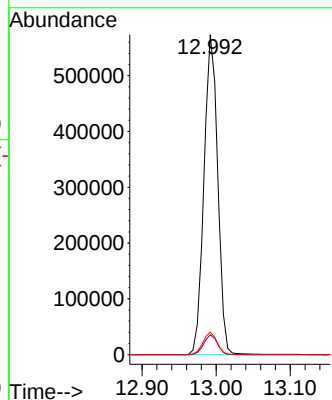
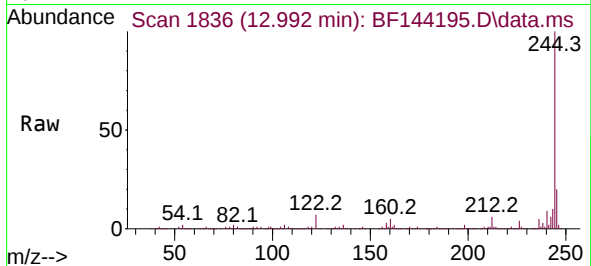




#79  
 Terphenyl-d14  
 Concen: 73.323 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: BF144195.D  
 Acq: 06 Nov 2025 18:53

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 738226  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.3 7.9  
 122 7.0 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: BF144195.D  
 Acq: 06 Nov 2025 18:53

Tgt Ion:264 Resp: 203860  
 Ion Ratio Lower Upper  
 264 100  
 260 21.8 17.1 25.7  
 265 22.2 17.4 26.0

