

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111925\  
 Data File : BF144284.D  
 Acq On : 19 Nov 2025 18:19  
 Operator : RC/JU  
 Sample : Q3652-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Quant Time: Nov 20 00:01:04 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   | 6.869  | 152  | 50964    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 189828   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 96365    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 157405   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 155836   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.521 | 264  | 173076   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 457742   | 140.552 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 484086   | 131.183 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 357326   | 108.716 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 186717   | 154.405 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 724941   | 111.108 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 808247   | 82.383  | ng    | 0.00     |

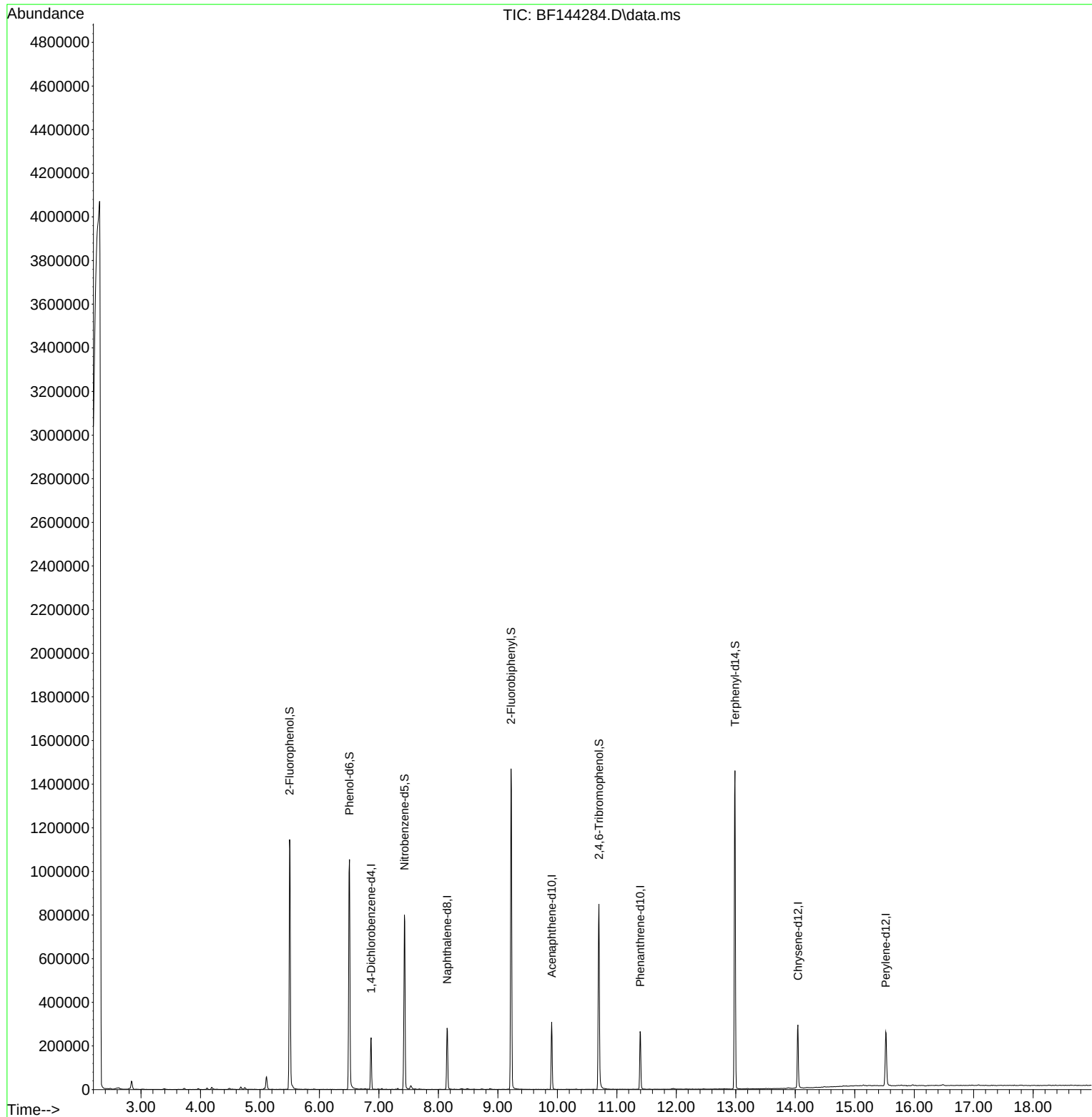
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

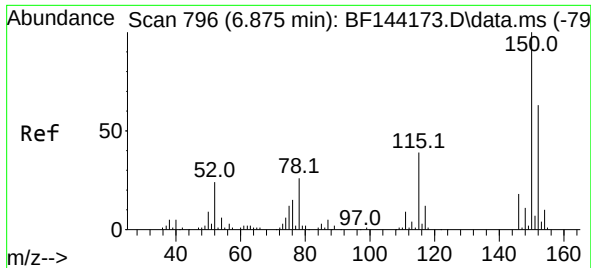
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Nov 20 00:01:04 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

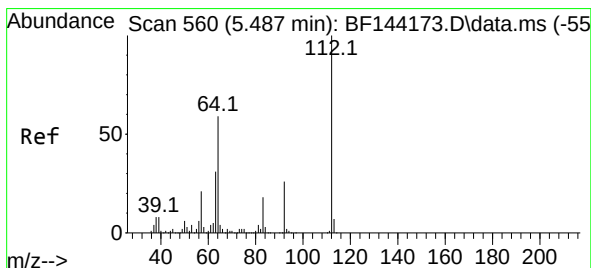
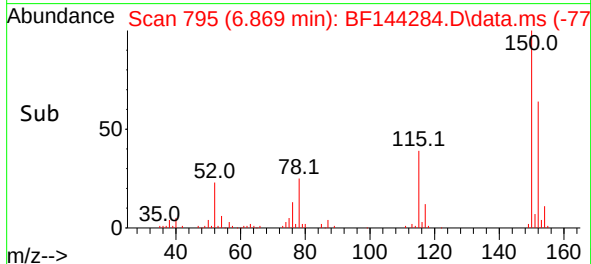
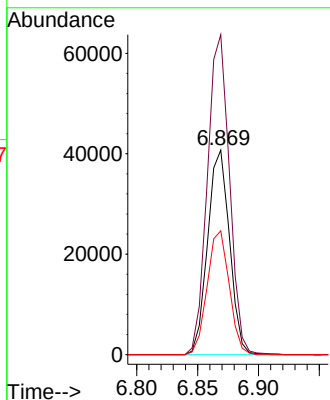
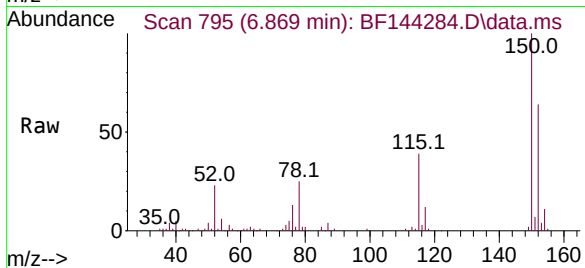




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

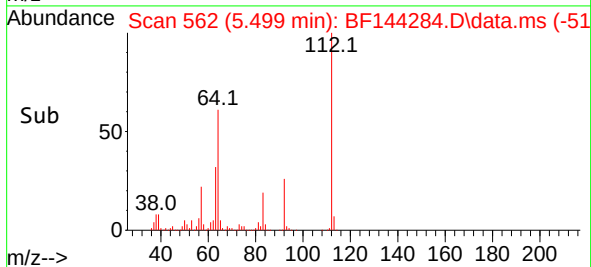
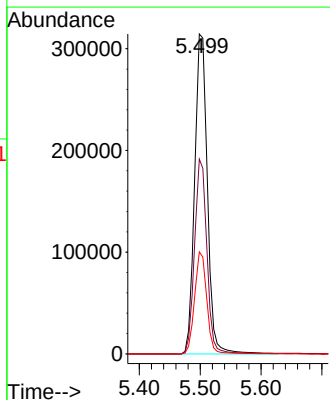
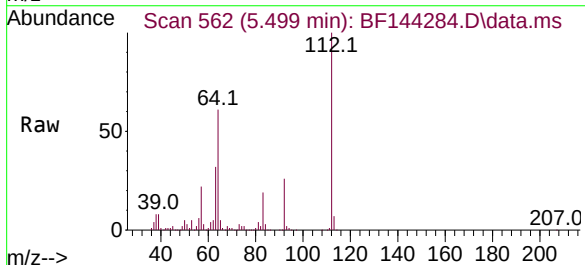
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

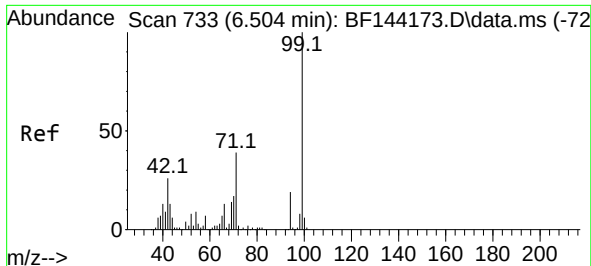
Tgt Ion:152 Resp: 50964  
Ion Ratio Lower Upper  
152 100  
150 156.4 127.4 191.0  
115 60.5 49.5 74.3



#5  
2-Fluorophenol  
Concen: 140.552 ng  
RT: 5.499 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

Tgt Ion:112 Resp: 457742  
Ion Ratio Lower Upper  
112 100  
64 60.9 47.2 70.8  
63 31.9 24.4 36.6

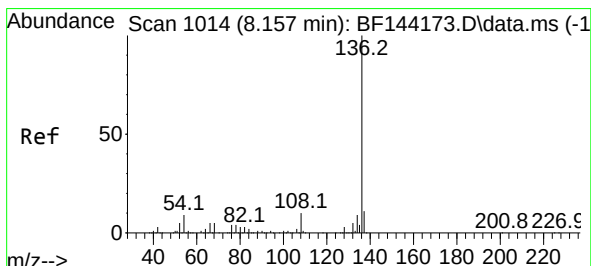
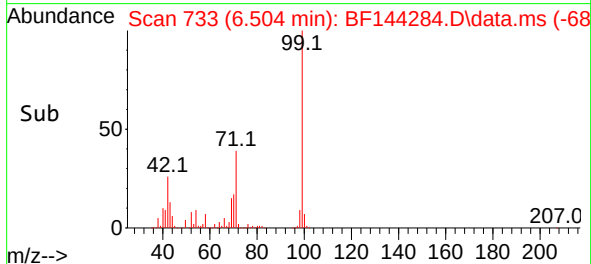
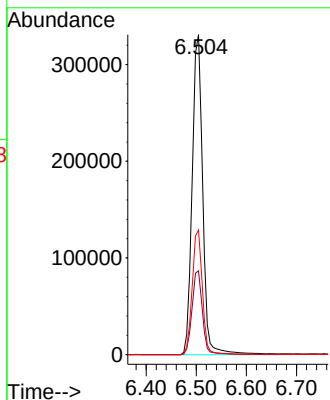
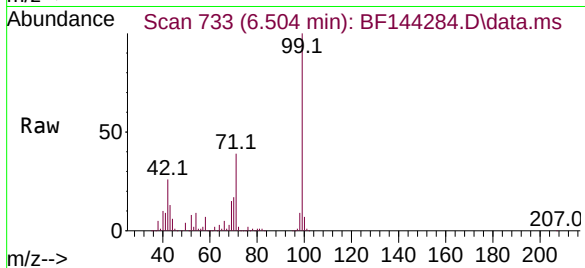




#7  
Phenol-d6  
Concen: 131.183 ng  
RT: 6.504 min Scan# 733  
Delta R.T. 0.006 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

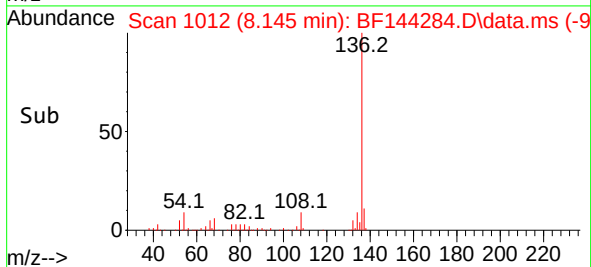
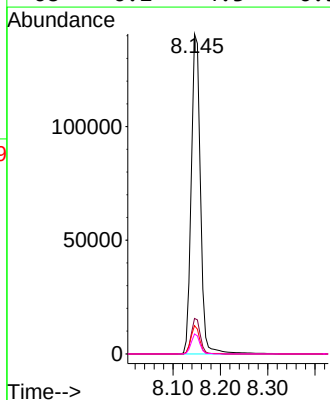
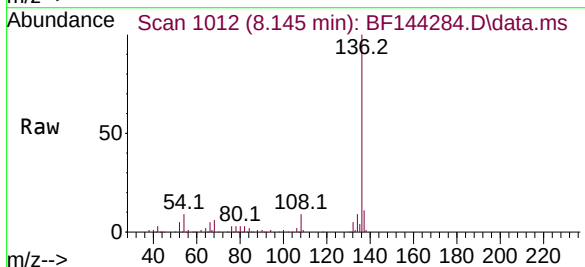
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

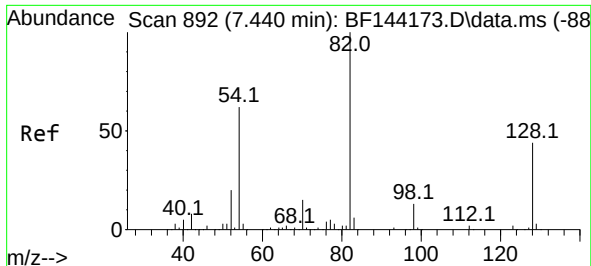
Tgt Ion: 99 Resp: 484086  
Ion Ratio Lower Upper  
99 100  
42 26.2 20.9 31.3  
71 38.9 31.4 47.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

Tgt Ion: 136 Resp: 189828  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.8 7.0 10.6  
68 6.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 108.716 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

Instrument :

BNA\_F

ClientSampleId :

TP-1

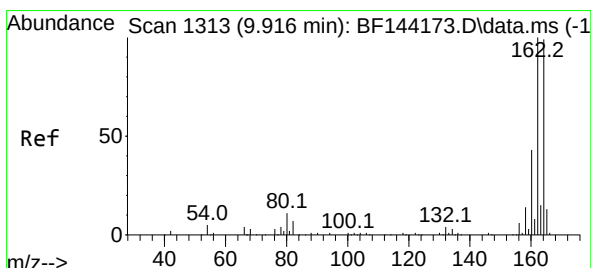
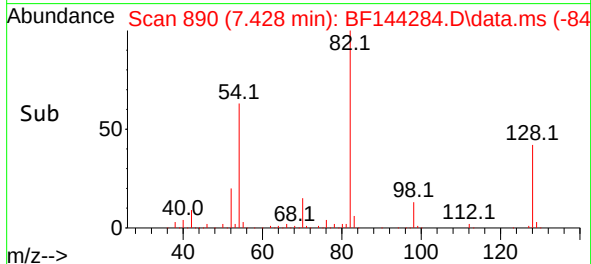
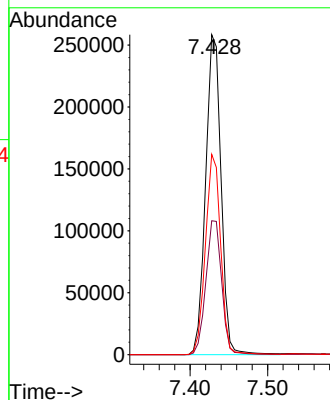
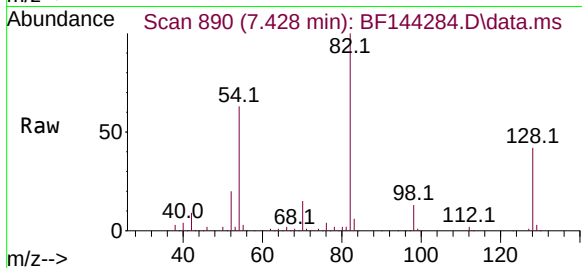
Tgt Ion: 82 Resp: 357326

Ion Ratio Lower Upper

82 100

128 41.8 34.7 52.1

54 62.6 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

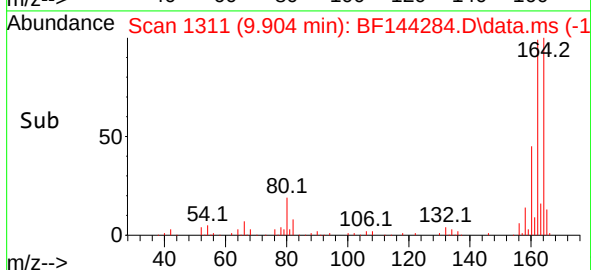
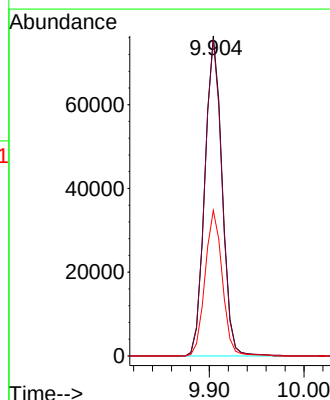
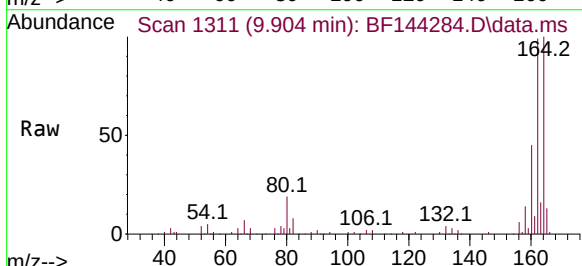
Tgt Ion:164 Resp: 96365

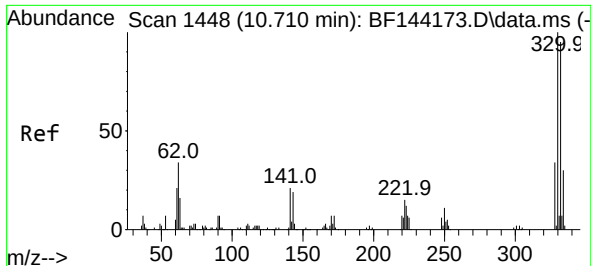
Ion Ratio Lower Upper

164 100

162 98.9 81.1 121.7

160 45.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 154.405 ng

RT: 10.698 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

Instrument :

BNA\_F

ClientSampleId :

TP-1

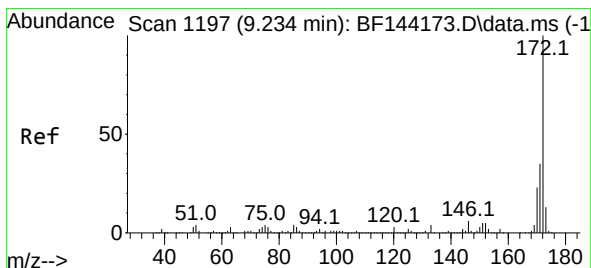
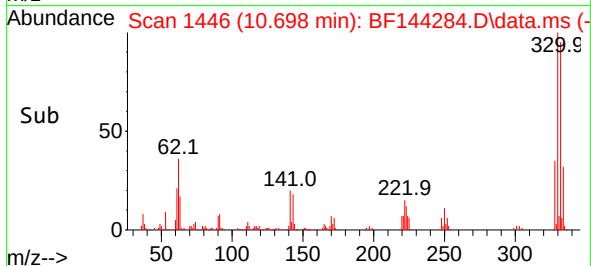
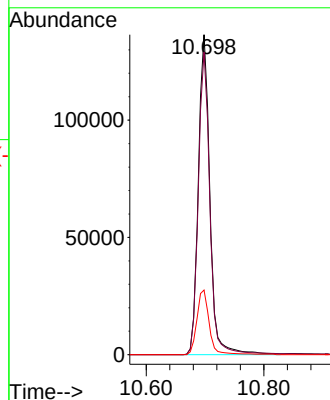
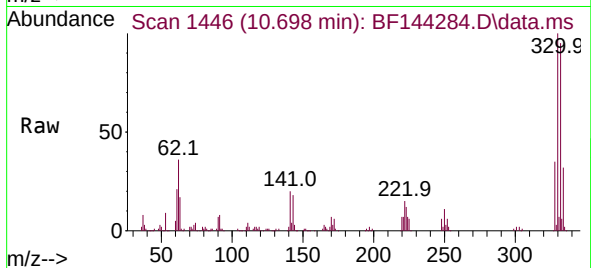
Tgt Ion:330 Resp: 186717

Ion Ratio Lower Upper

330 100

332 94.4 76.7 115.1

141 21.3 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 111.108 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

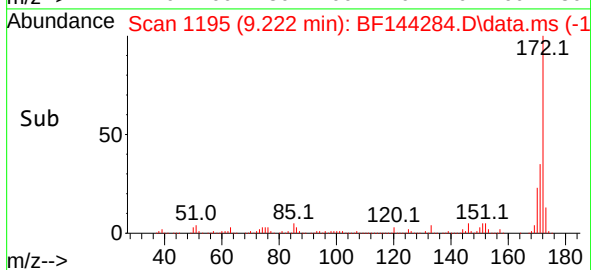
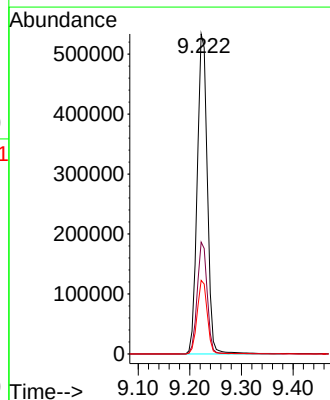
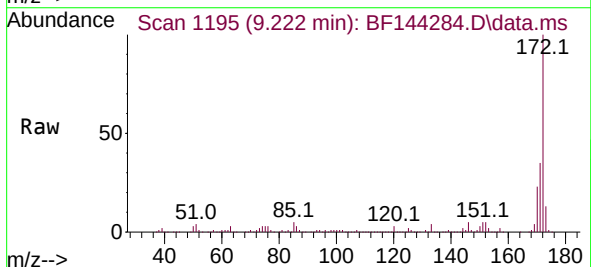
Tgt Ion:172 Resp: 724941

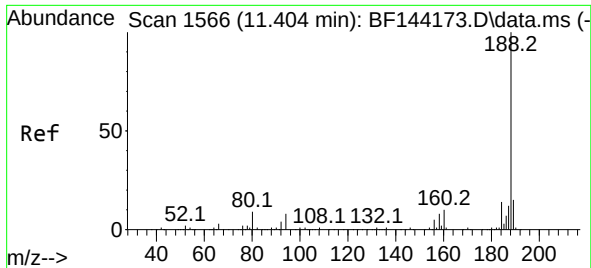
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.0 18.6 28.0

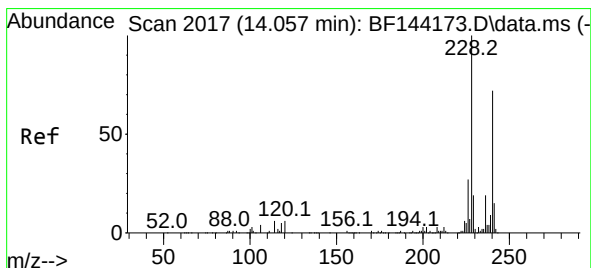
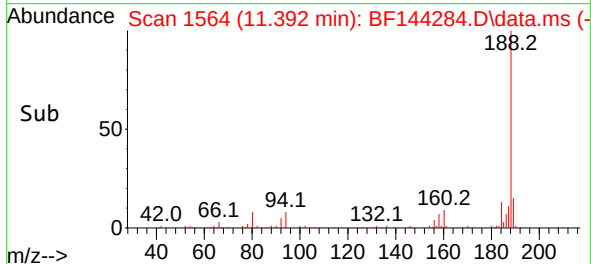
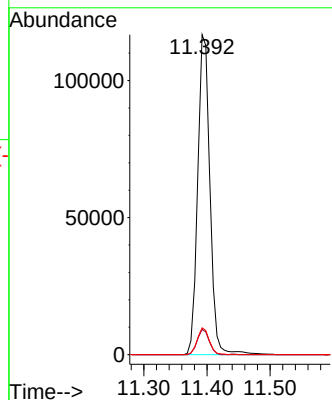
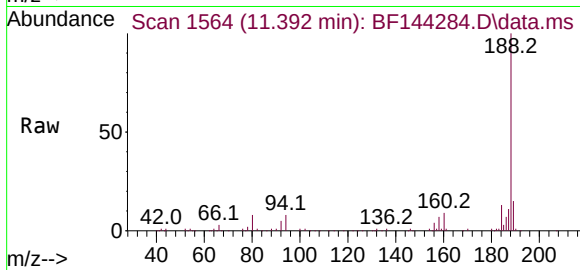




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

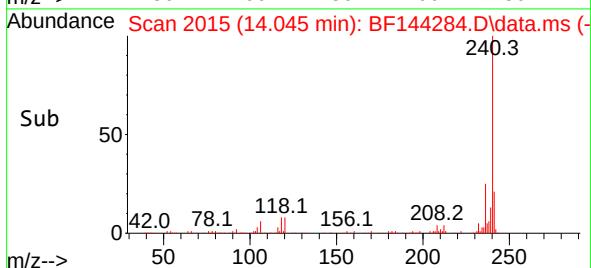
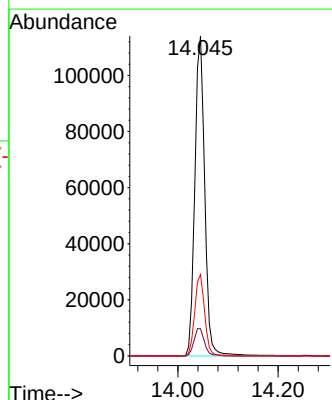
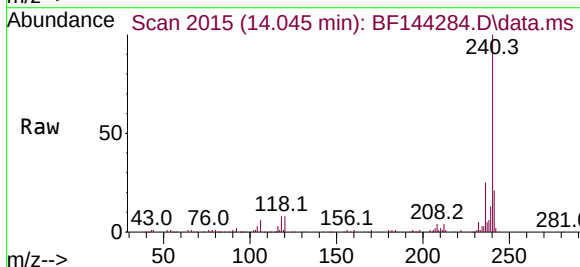
Instrument :  
BNA\_F  
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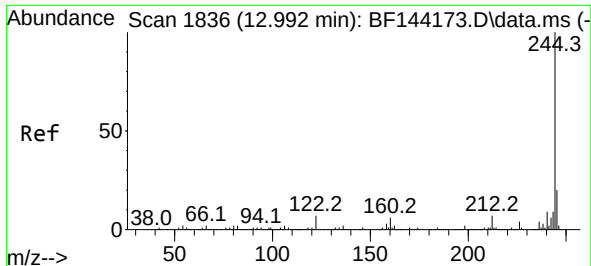
Tgt Ion:188 Resp: 157405  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.2 9.2  
80 8.4 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

Tgt Ion:240 Resp: 155836  
Ion Ratio Lower Upper  
240 100  
120 8.5 6.6 10.0  
236 25.4 21.4 32.2

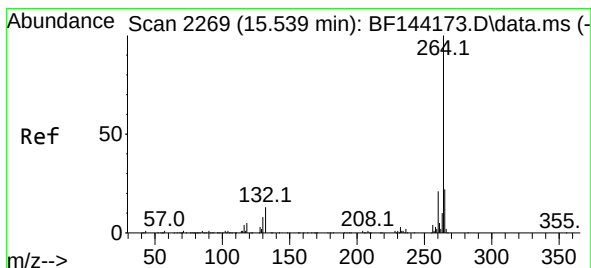
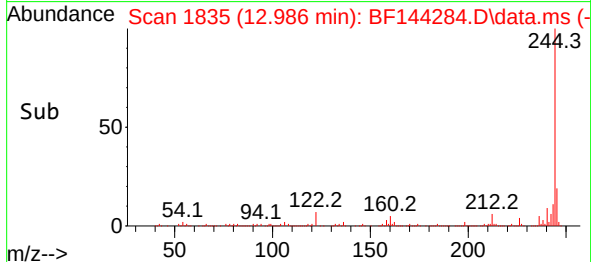
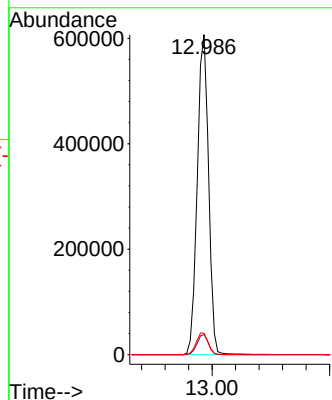
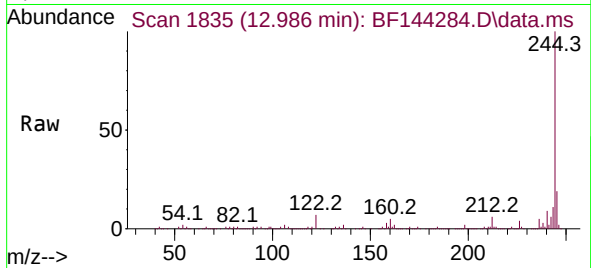




#79  
Terphenyl-d14  
Concen: 82.383 ng  
RT: 12.986 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

Tgt Ion:244 Resp: 808247  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.3 7.9  
122 6.7 5.6 8.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2266  
Delta R.T. -0.018 min  
Lab File: BF144284.D  
Acq: 19 Nov 2025 18:19

Tgt Ion:264 Resp: 173076  
Ion Ratio Lower Upper  
264 100  
260 21.7 17.1 25.7  
265 22.0 17.4 26.0

