

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
 Data File : BF144140.D  
 Acq On : 29 Oct 2025 20:59  
 Operator : RC/JU  
 Sample : Q3472-08 20X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3

Quant Time: Oct 30 02:22:48 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  | 50533    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 193583   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 84507    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.428 | 188  | 95913    | 20.000 | ng    | # 0.02   |
| 76) Chrysene-d12            | 14.057 | 240  | 135679   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 124938   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 2852     | 0.893  | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 5252     | 1.489  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 5616     | 1.589  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 2519     | 2.340  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 20986    | 3.495  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 17817    | 2.296  | ng    | 0.00     |

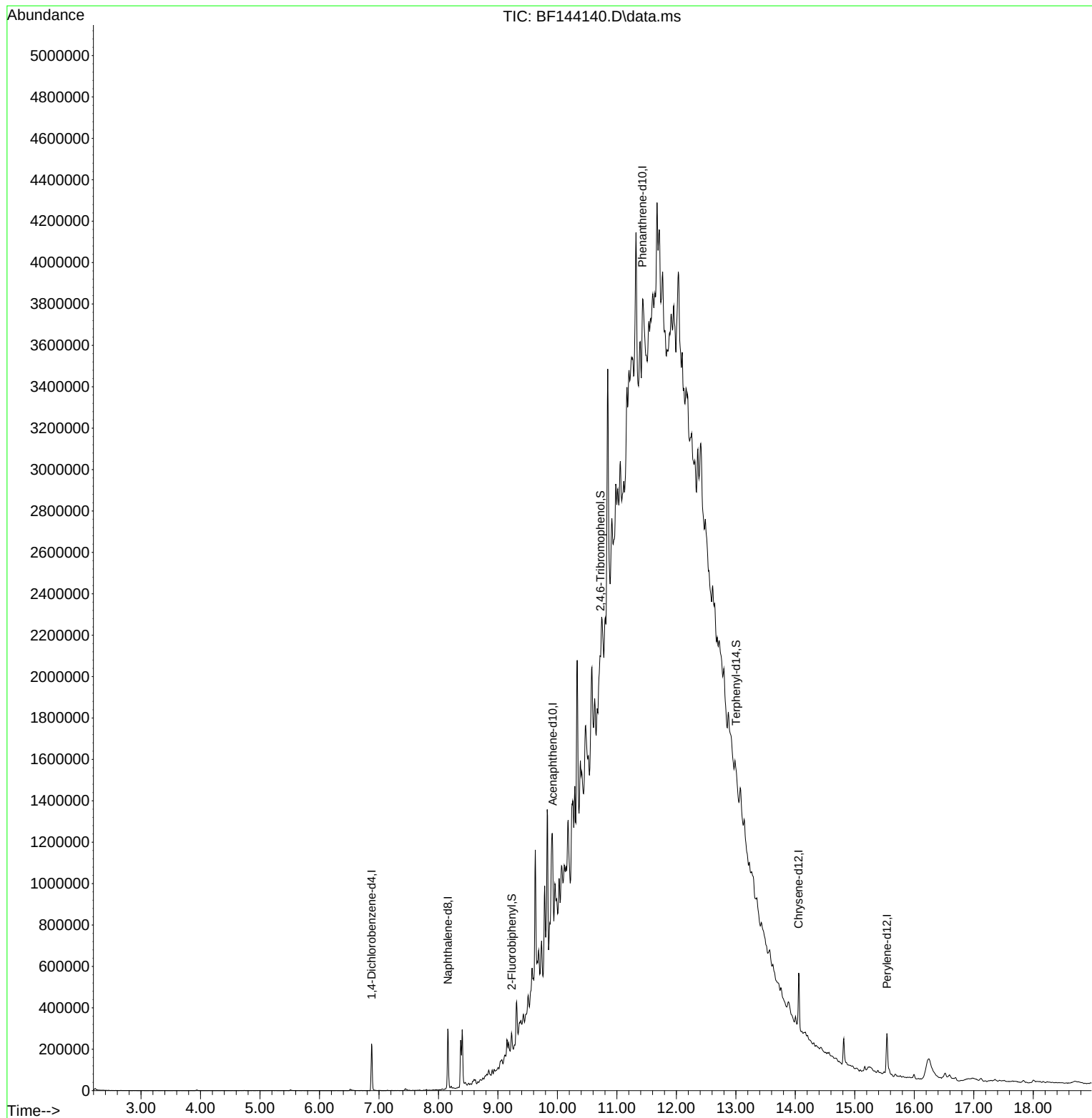
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

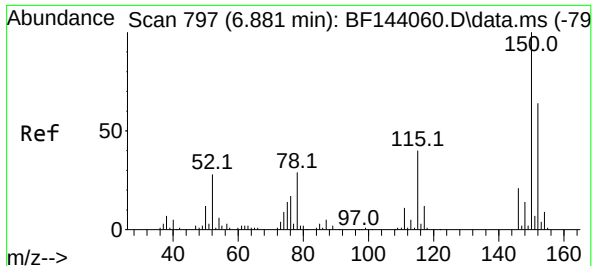
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102925\  
Data File : BF144140.D  
Acq On : 29 Oct 2025 20:59  
Operator : RC/JU  
Sample : Q3472-08 20X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

Quant Time: Oct 30 02:22:48 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

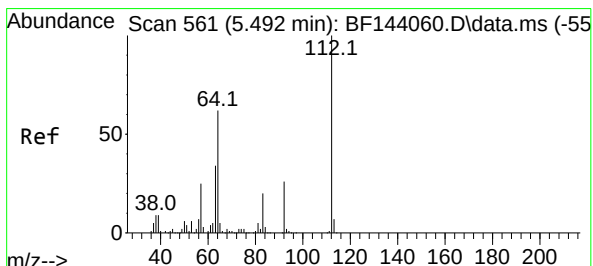
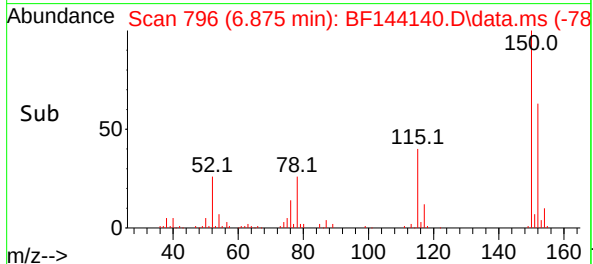
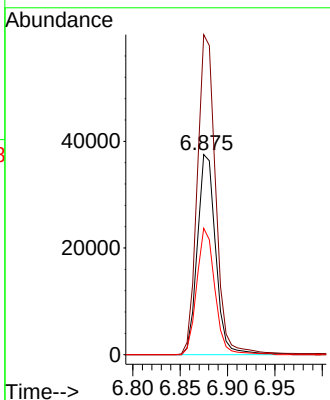
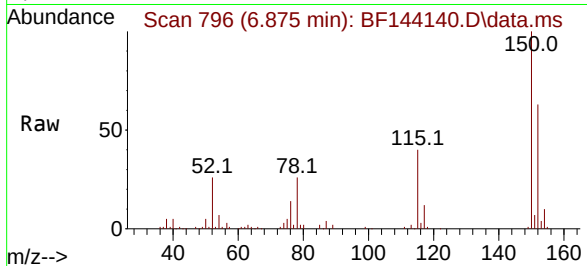




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF144140.D  
Acq: 29 Oct 2025 20:59

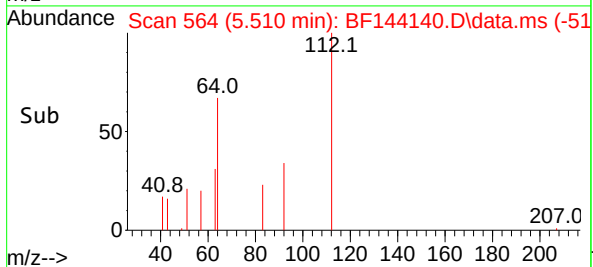
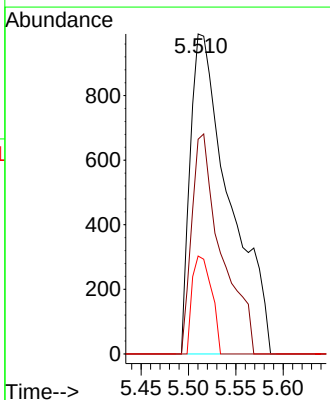
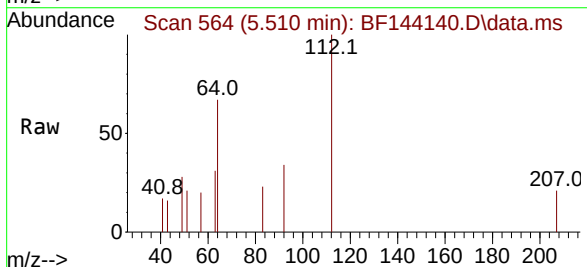
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

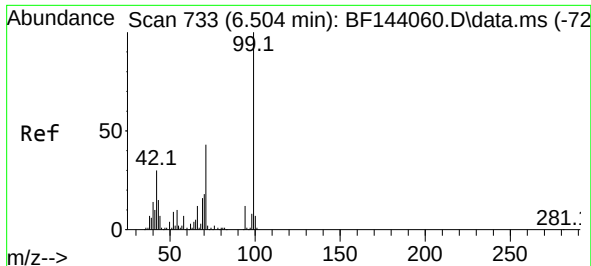
Tgt Ion:152 Resp: 50533  
Ion Ratio Lower Upper  
152 100  
150 159.8 124.4 186.6  
115 63.2 49.4 74.0



#5  
2-Fluorophenol  
Concen: 0.893 ng  
RT: 5.510 min Scan# 564  
Delta R.T. 0.018 min  
Lab File: BF144140.D  
Acq: 29 Oct 2025 20:59

Tgt Ion:112 Resp: 2852  
Ion Ratio Lower Upper  
112 100  
64 67.1 49.8 74.8  
63 30.6 27.4 41.2

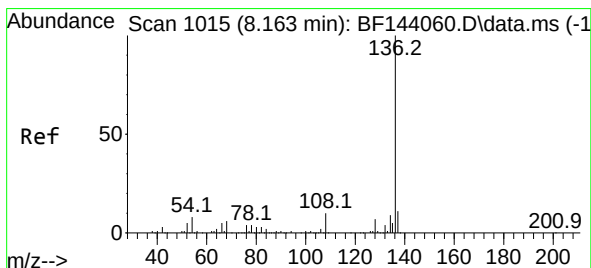
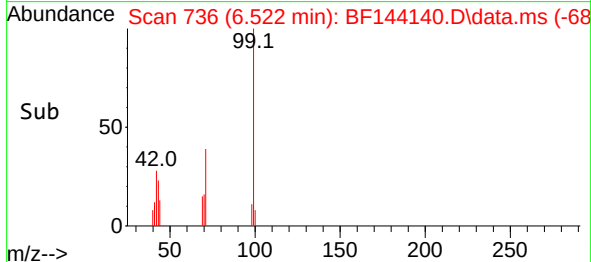
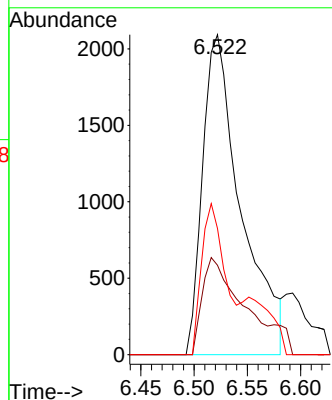
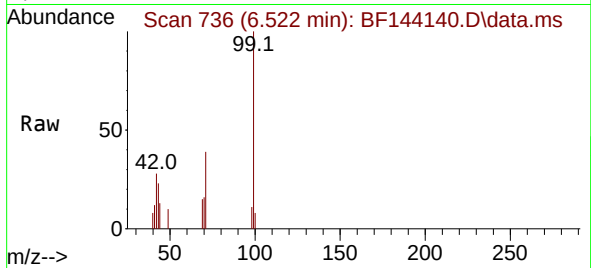




#7  
Phenol-d6  
Concen: 1.489 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.018 min  
Lab File: BF144140.D  
Acq: 29 Oct 2025 20:59

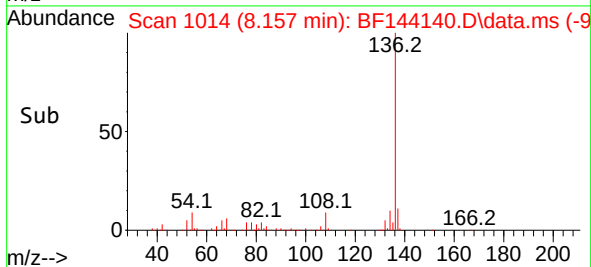
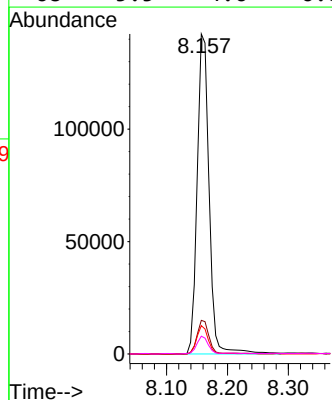
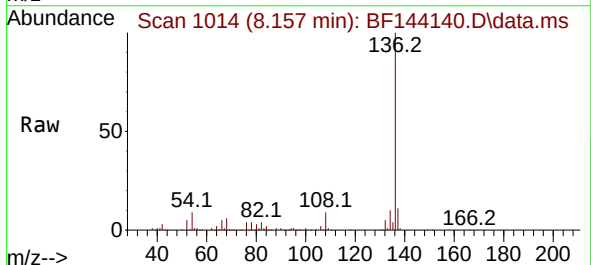
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

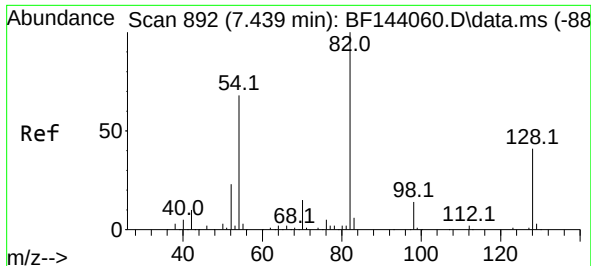
Tgt Ion: 99 Resp: 5252  
Ion Ratio Lower Upper  
99 100  
42 28.0 23.9 35.9  
71 39.5 34.4 51.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF144140.D  
Acq: 29 Oct 2025 20:59

Tgt Ion: 136 Resp: 193583  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 8.8 6.6 9.8  
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 1.589 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

Instrument :

BNA\_F

ClientSampleId :

COMP-3

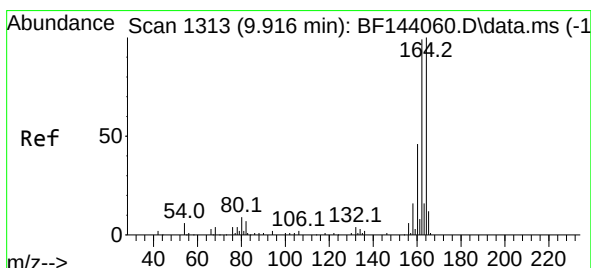
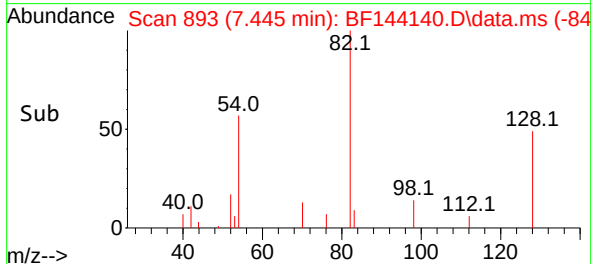
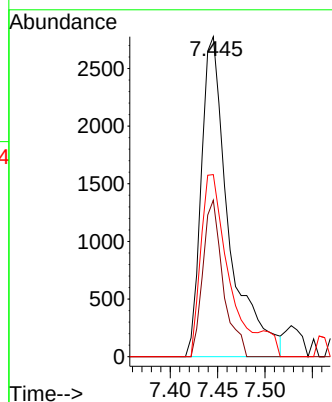
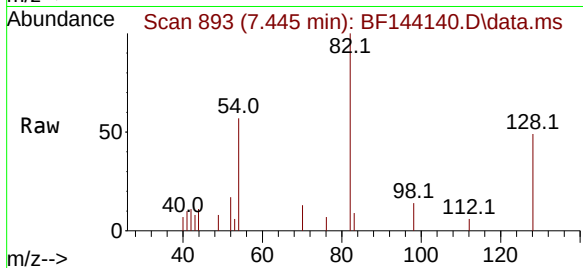
Tgt Ion: 82 Resp: 5616

Ion Ratio Lower Upper

82 100

128 48.9 32.4 48.6#

54 56.9 54.0 81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

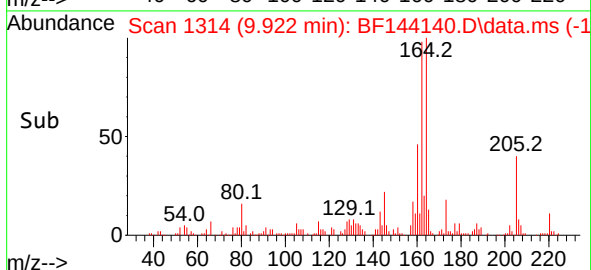
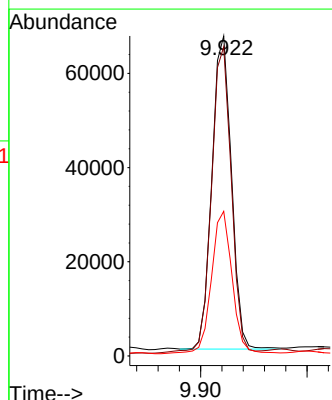
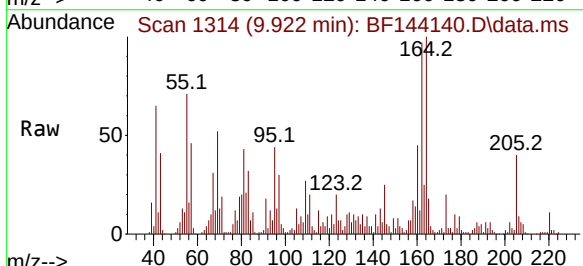
Tgt Ion:164 Resp: 84507

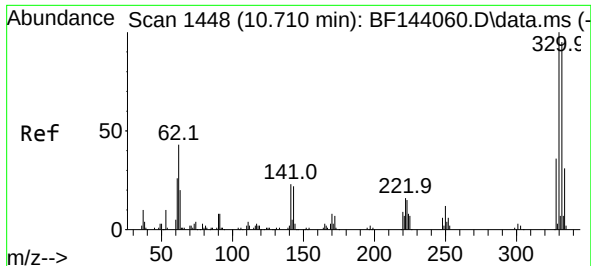
Ion Ratio Lower Upper

164 100

162 96.6 79.4 119.2

160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 2.340 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

Instrument :

BNA\_F

ClientSampleId :

COMP-3

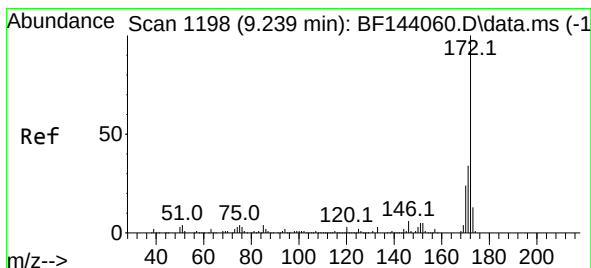
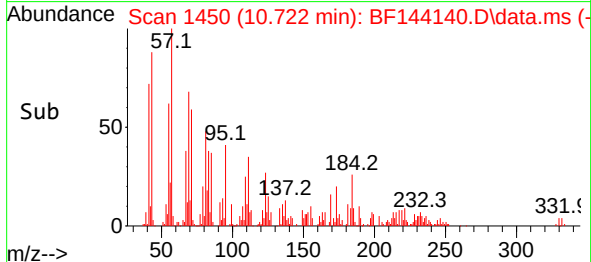
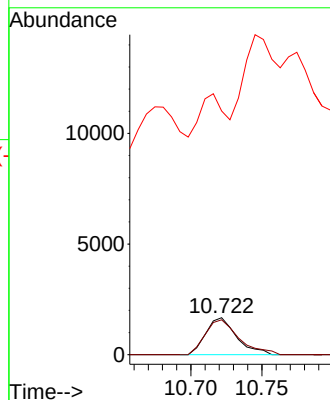
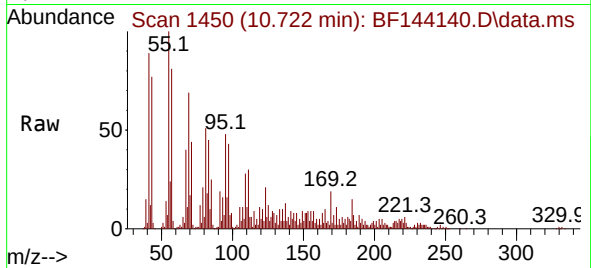
Tgt Ion:330 Resp: 2519

Ion Ratio Lower Upper

330 100

332 103.2 77.0 115.6

141 88.5 19.4 29.0#



#45

2-Fluorobiphenyl

Concen: 3.495 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

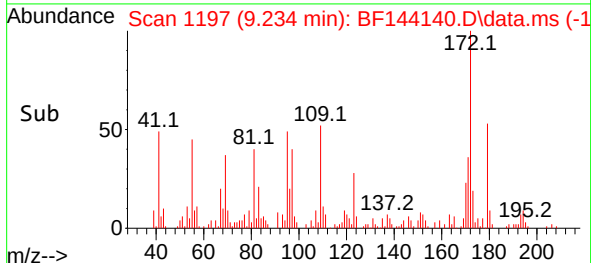
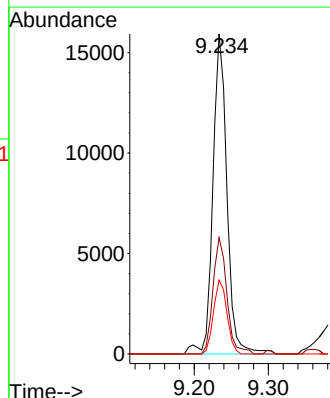
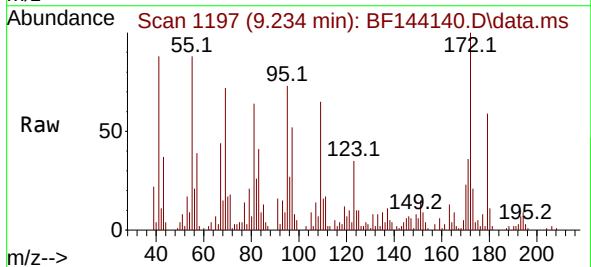
Tgt Ion:172 Resp: 20986

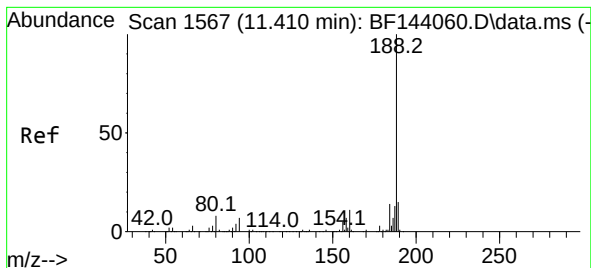
Ion Ratio Lower Upper

172 100

171 36.3 27.5 41.3

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

Instrument :

BNA\_F

ClientSampleId :

COMP-3

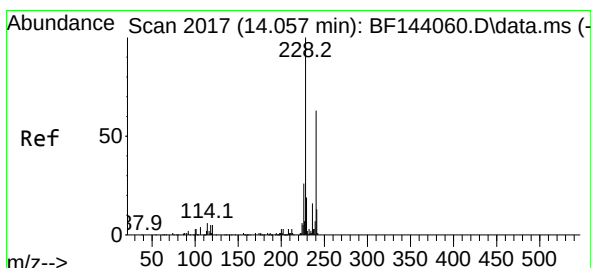
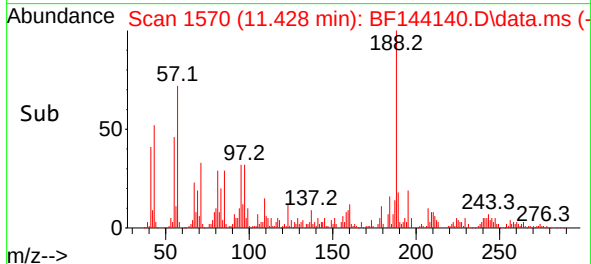
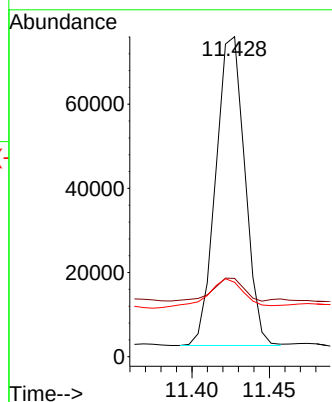
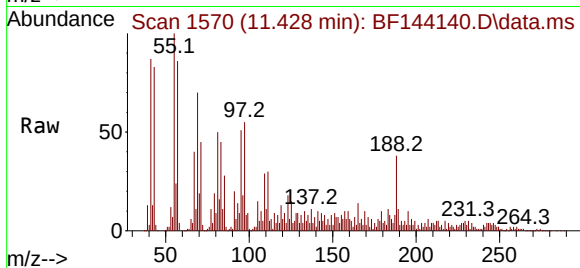
Tgt Ion:188 Resp: 95913

Ion Ratio Lower Upper

188 100

94 24.5 5.4 8.0#

80 23.3 6.0 9.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144140.D

Acq: 29 Oct 2025 20:59

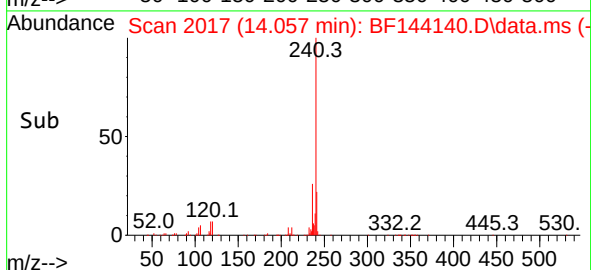
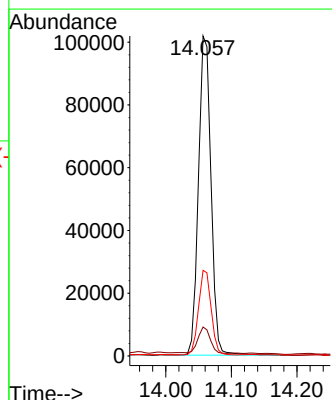
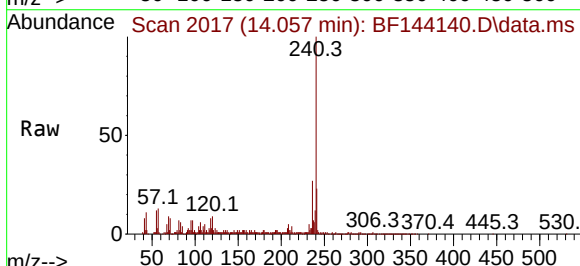
Tgt Ion:240 Resp: 135679

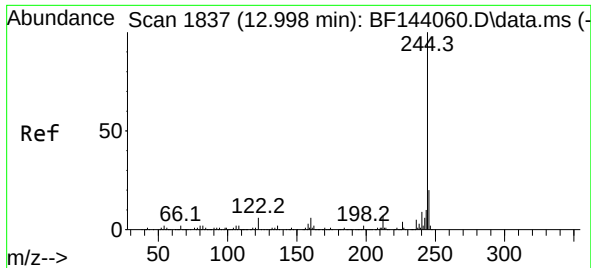
Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

236 26.7 20.1 30.1

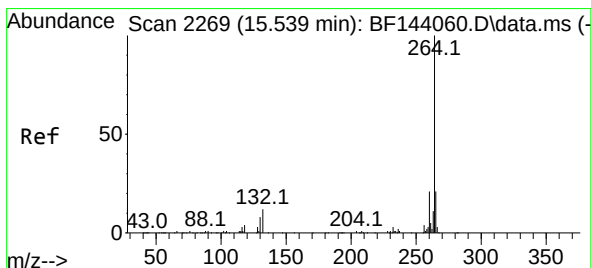
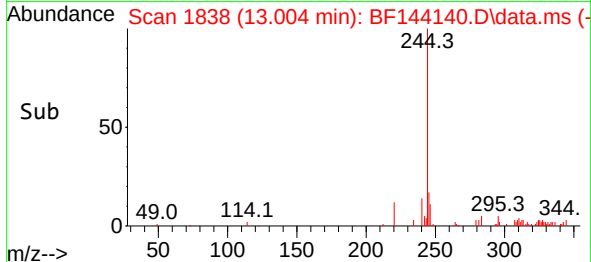
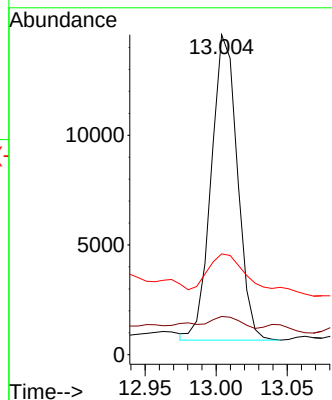
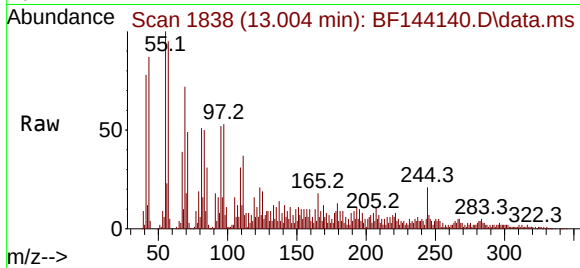




#79  
Terphenyl-d14  
Concen: 2.296 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. 0.006 min  
Lab File: BF144140.D  
Acq: 29 Oct 2025 20:59

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

Tgt Ion:244 Resp: 17817  
Ion Ratio Lower Upper  
244 100  
212 11.9 5.8 8.6#  
122 31.5 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: BF144140.D  
Acq: 29 Oct 2025 20:59

Tgt Ion:264 Resp: 124938  
Ion Ratio Lower Upper  
264 100  
260 20.7 17.0 25.4  
265 21.6 16.6 24.8

