

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010325\  
 Data File : BF141067.D  
 Acq On : 03 Jan 2025 15:02  
 Operator : RC/JU  
 Sample : P5398-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349

Quant Time: Jan 03 15:23:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 235847   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 927736   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.857  | 164  | 501643   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.339 | 188  | 866078   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.986 | 240  | 614843   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.463 | 264  | 502844   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 1899514  | 121.404 | ng    | 0.02     |
| 7) Phenol-d6                | 6.451  | 99   | 2235945  | 110.934 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 1625623  | 112.105 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.645 | 330  | 810345   | 166.242 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.181  | 172  | 2891812  | 91.845  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 3548820  | 95.871  | ng    | 0.00     |

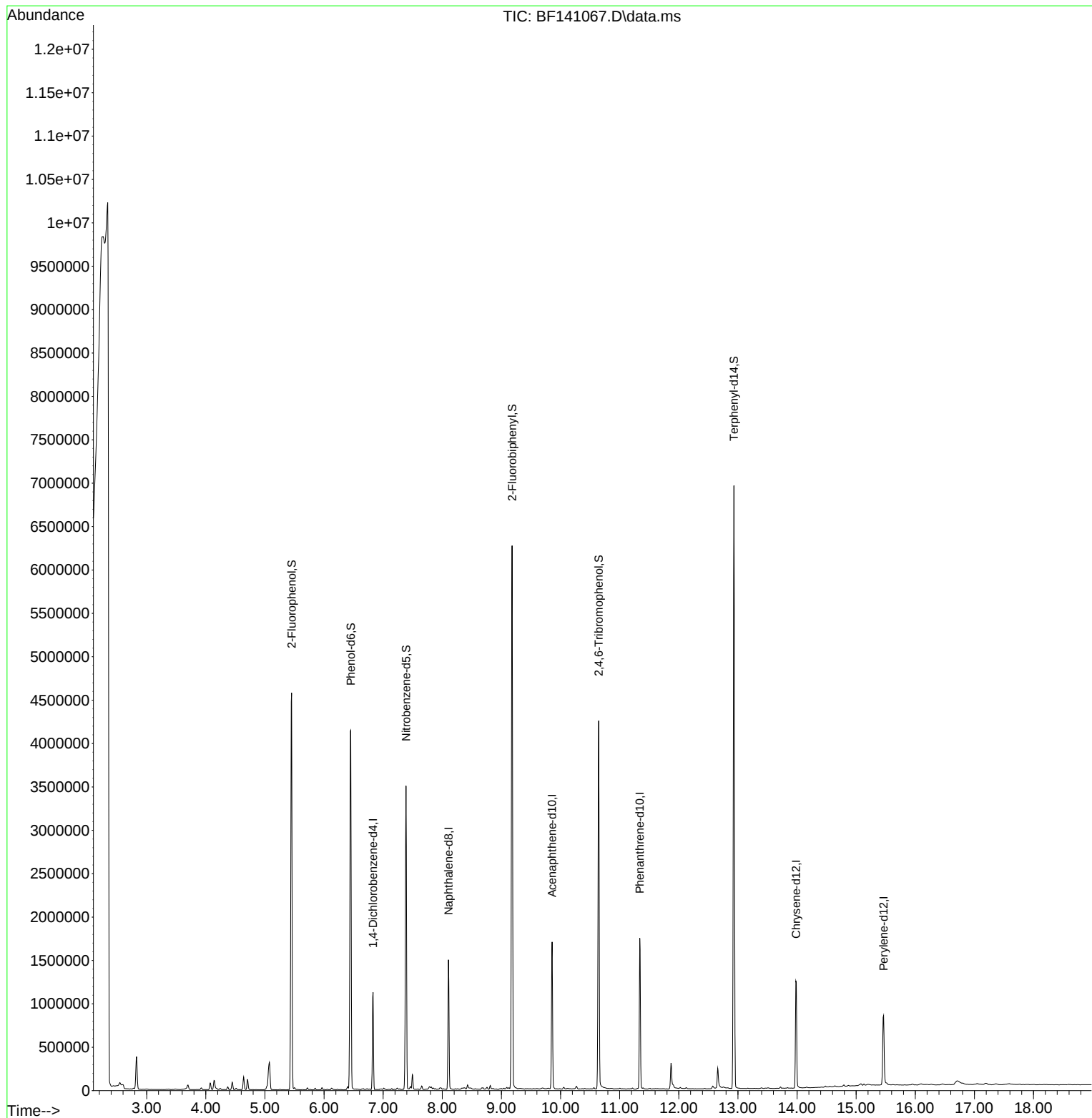
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

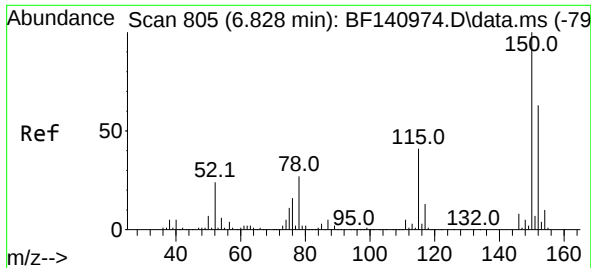
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 27 00:31:16 2024  
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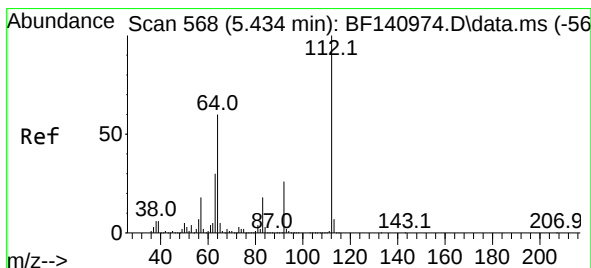
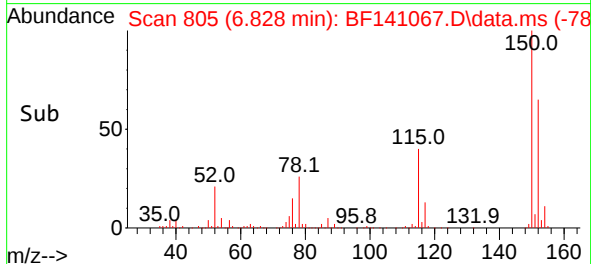
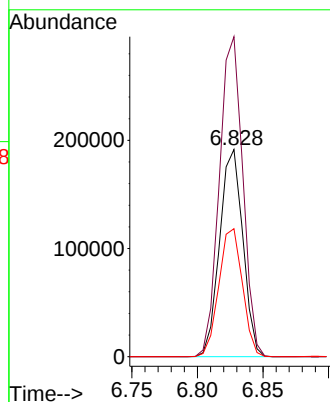
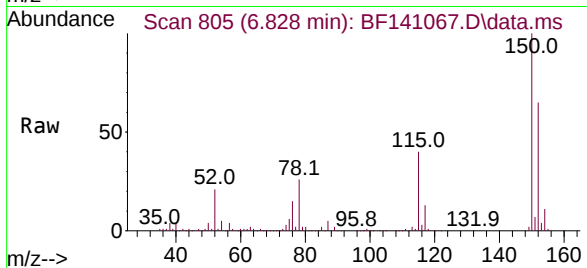




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 805  
 Delta R.T. -0.000 min  
 Lab File: BF141067.D  
 Acq: 03 Jan 2025 15:02

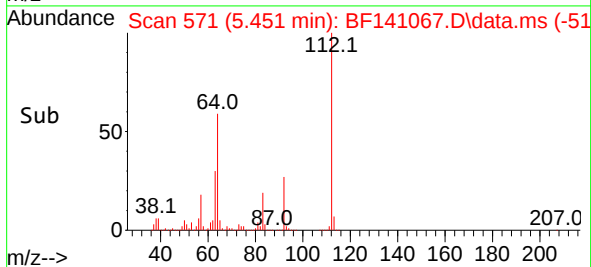
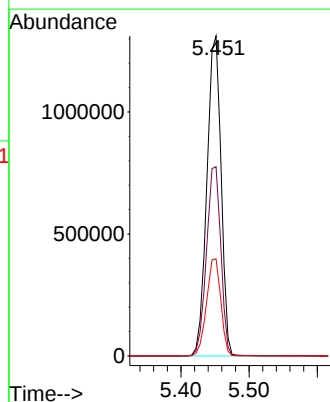
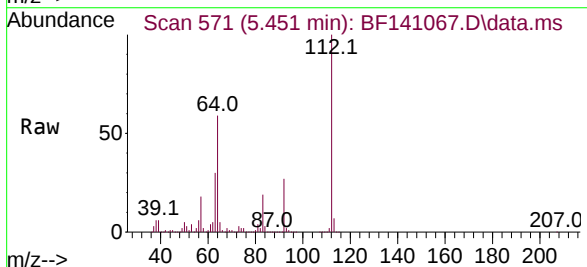
Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349

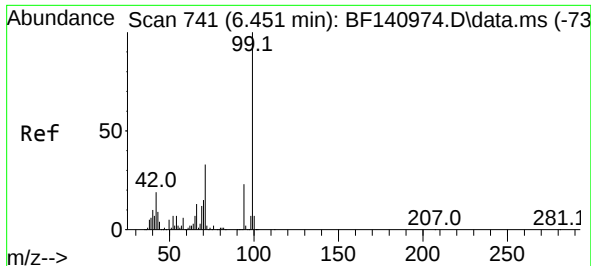
Tgt Ion:152 Resp: 235847  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 127.0 190.6  
 115 61.8 51.7 77.5



#5  
 2-Fluorophenol  
 Concen: 121.404 ng  
 RT: 5.451 min Scan# 571  
 Delta R.T. 0.018 min  
 Lab File: BF141067.D  
 Acq: 03 Jan 2025 15:02

Tgt Ion:112 Resp: 1899514  
 Ion Ratio Lower Upper  
 112 100  
 64 59.1 47.7 71.5  
 63 30.3 24.2 36.2

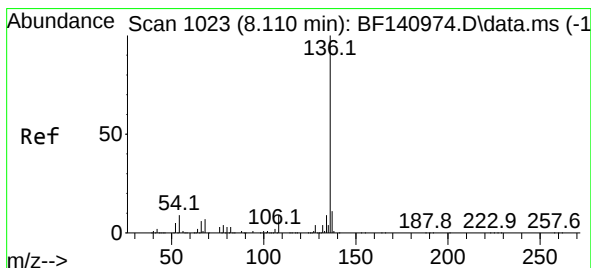
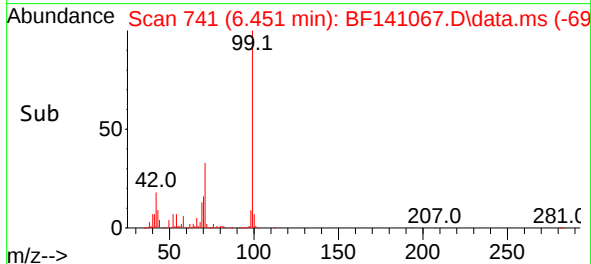
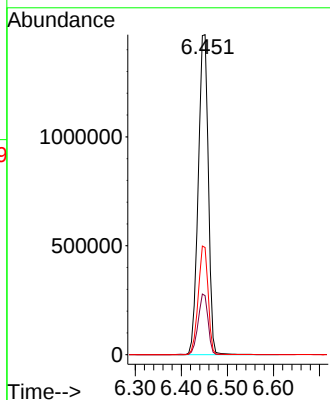
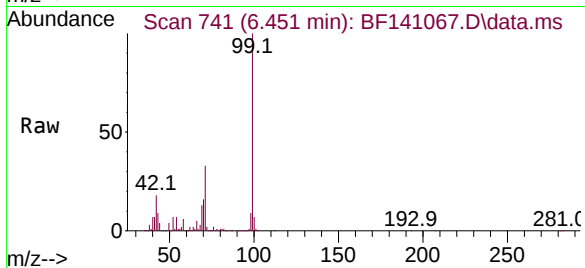




#7  
Phenol-d6  
Concen: 110.934 ng  
RT: 6.451 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

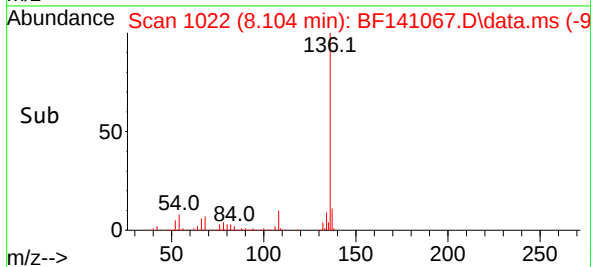
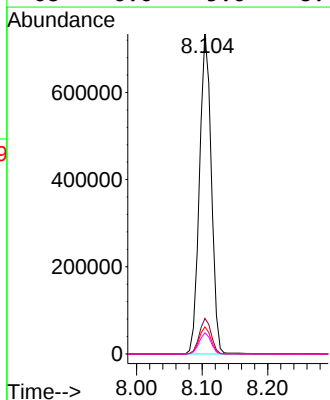
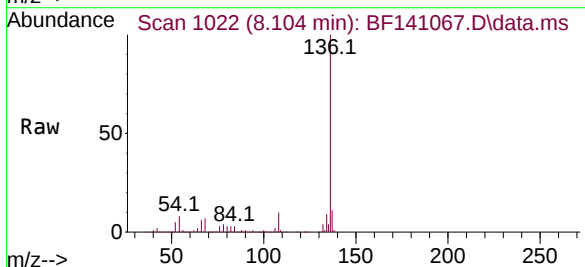
Instrument :  
BNA\_F  
ClientSampleId :  
341-349

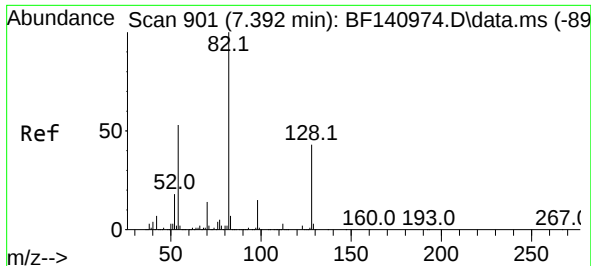
Tgt Ion: 99 Resp: 2235945  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.0 22.4  
71 33.5 26.2 39.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

Tgt Ion:136 Resp: 927736  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.5 7.6 11.4  
68 6.6 5.6 8.4

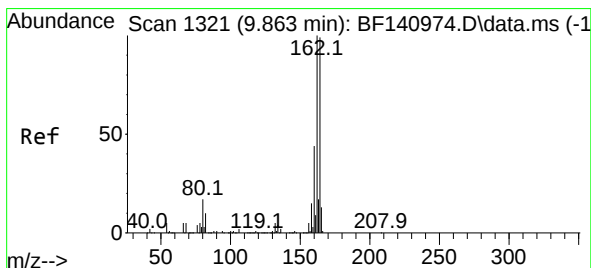
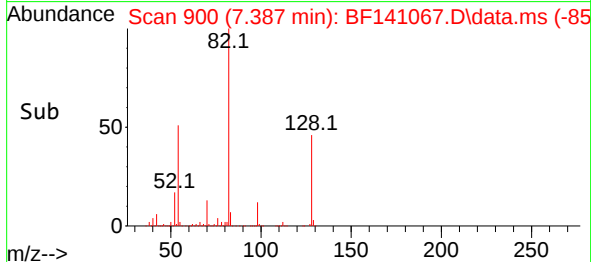
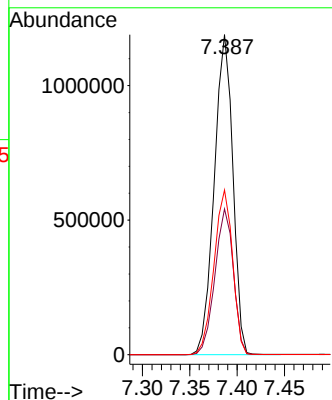
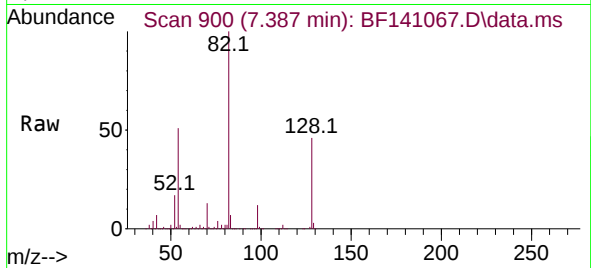




#23  
Nitrobenzene-d5  
Concen: 112.105 ng  
RT: 7.387 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

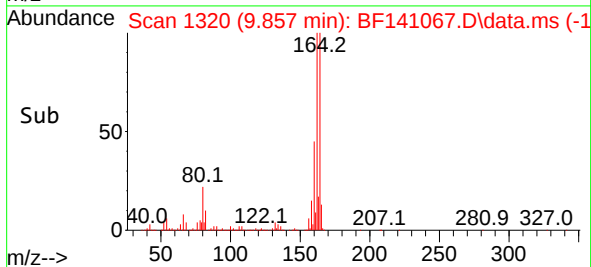
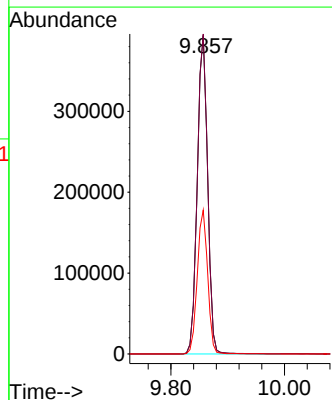
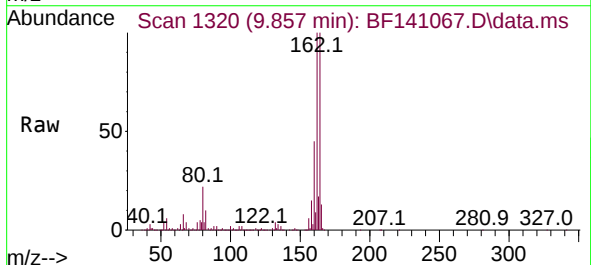
Instrument :  
BNA\_F  
ClientSampleId :  
341-349

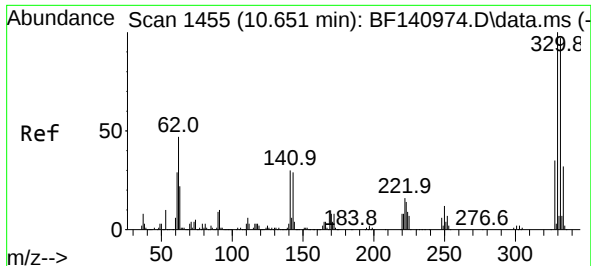
Tgt Ion: 82 Resp: 1625623  
Ion Ratio Lower Upper  
82 100  
128 45.6 34.4 51.6  
54 51.5 42.4 63.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.857 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

Tgt Ion: 164 Resp: 501643  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.6 120.8  
160 45.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 166.242 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141067.D

Acq: 03 Jan 2025 15:02

Instrument :

BNA\_F

ClientSampleId :

341-349

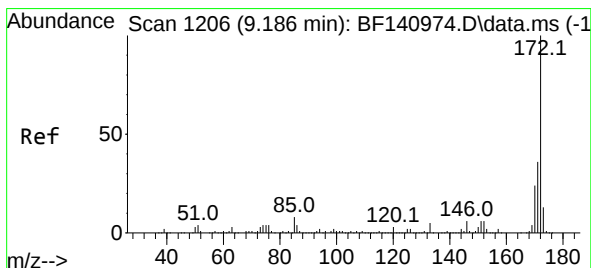
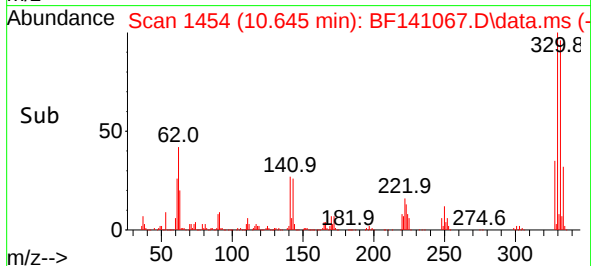
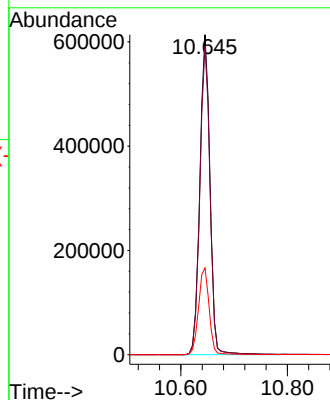
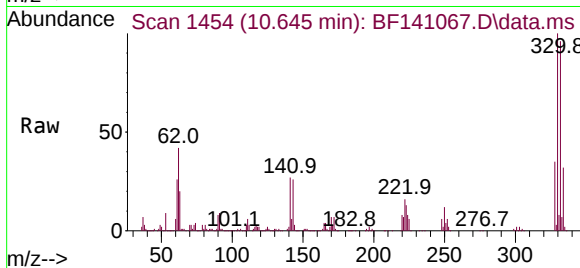
Tgt Ion:330 Resp: 810345

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 28.7 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 91.845 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141067.D

Acq: 03 Jan 2025 15:02

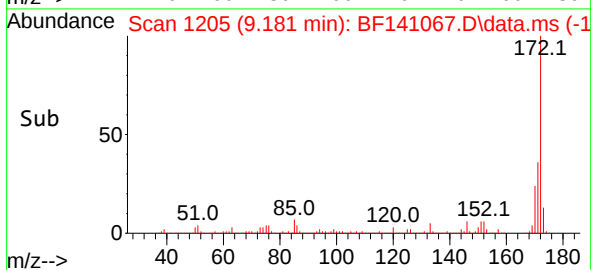
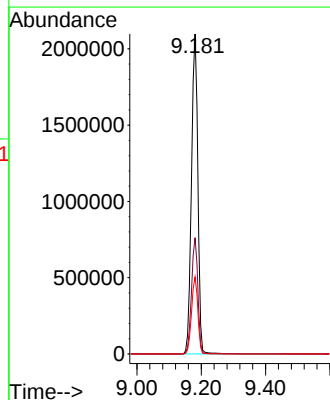
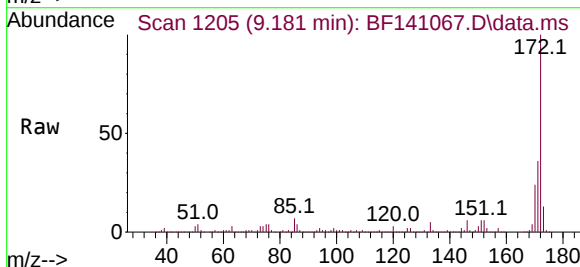
Tgt Ion:172 Resp: 2891812

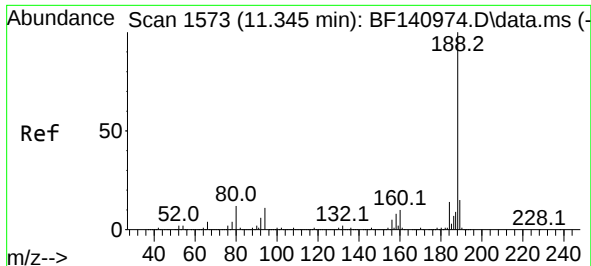
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.1 19.6 29.4

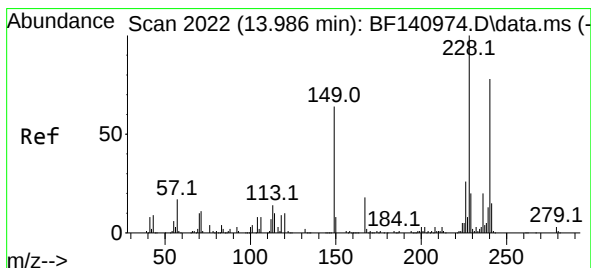
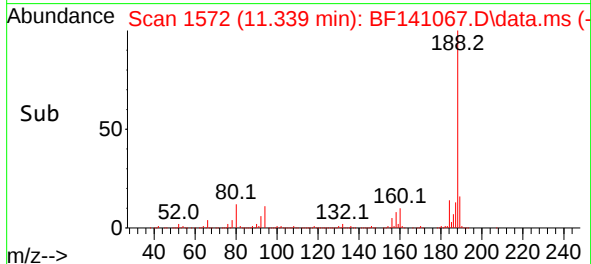
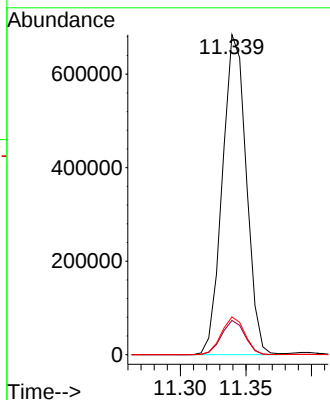
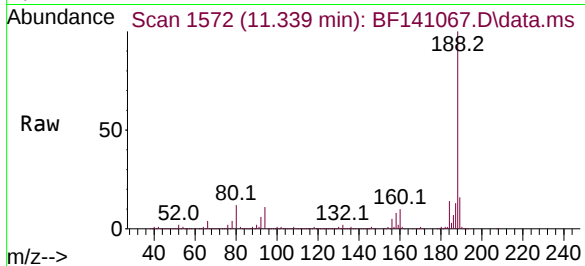




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

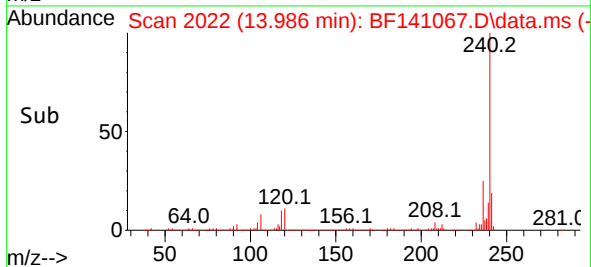
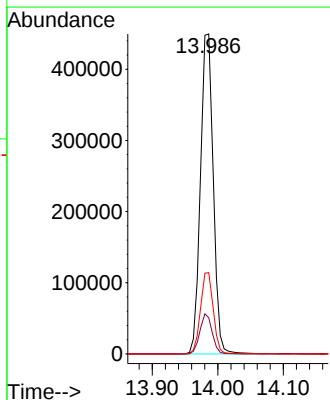
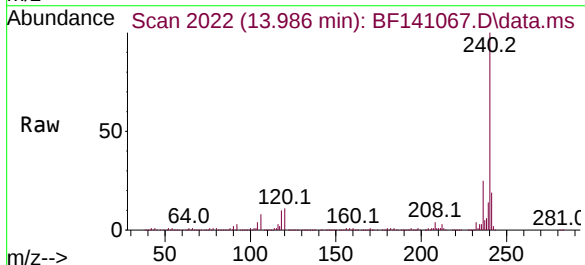
Instrument :  
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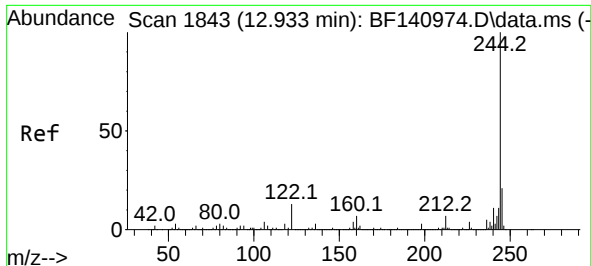
Tgt Ion:188 Resp: 866078  
Ion Ratio Lower Upper  
188 100  
94 10.7 9.0 13.6  
80 11.8 9.8 14.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: BF141067.D  
Acq: 03 Jan 2025 15:02

Tgt Ion:240 Resp: 614843  
Ion Ratio Lower Upper  
240 100  
120 11.3 10.7 16.1  
236 25.4 20.6 31.0

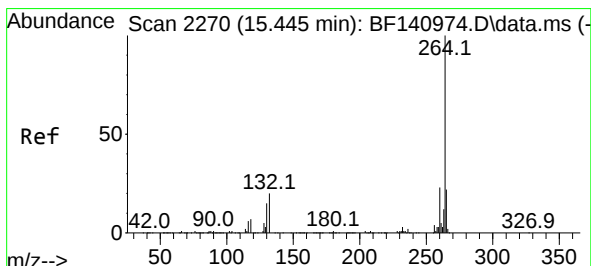
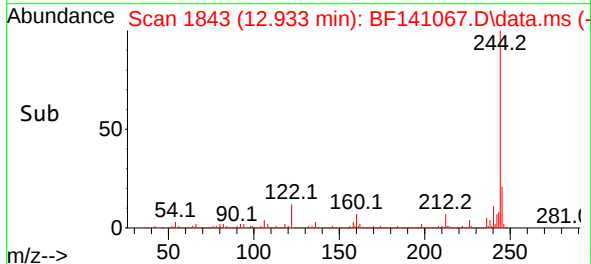
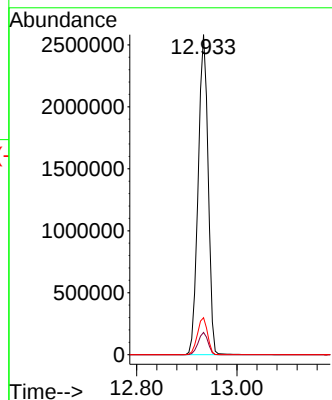
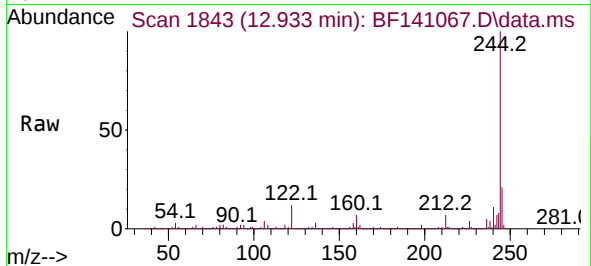




#79  
 Terphenyl-d14  
 Concen: 95.871 ng  
 RT: 12.933 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF141067.D  
 Acq: 03 Jan 2025 15:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 341-349

Tgt Ion:244 Resp: 3548820  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 11.5 10.2 15.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2273  
 Delta R.T. 0.018 min  
 Lab File: BF141067.D  
 Acq: 03 Jan 2025 15:02

Tgt Ion:264 Resp: 502844  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.7 28.1  
 265 21.0 17.4 26.2

