

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020625\  
 Data File : BF141484.D  
 Acq On : 06 Feb 2025 17:02  
 Operator : RC/JU  
 Sample : PB166468BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166468BL

Quant Time: Feb 07 01:51:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.787  | 152  | 86774    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 347424   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 193167   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.310 | 188  | 352138   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.951 | 240  | 303600   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.410 | 264  | 243629   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 539467   | 97.465 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 671485   | 95.985 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 660912   | 99.222 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 179966   | 92.744 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1242233  | 99.077 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 1595685  | 88.728 | ng    | 0.00     |

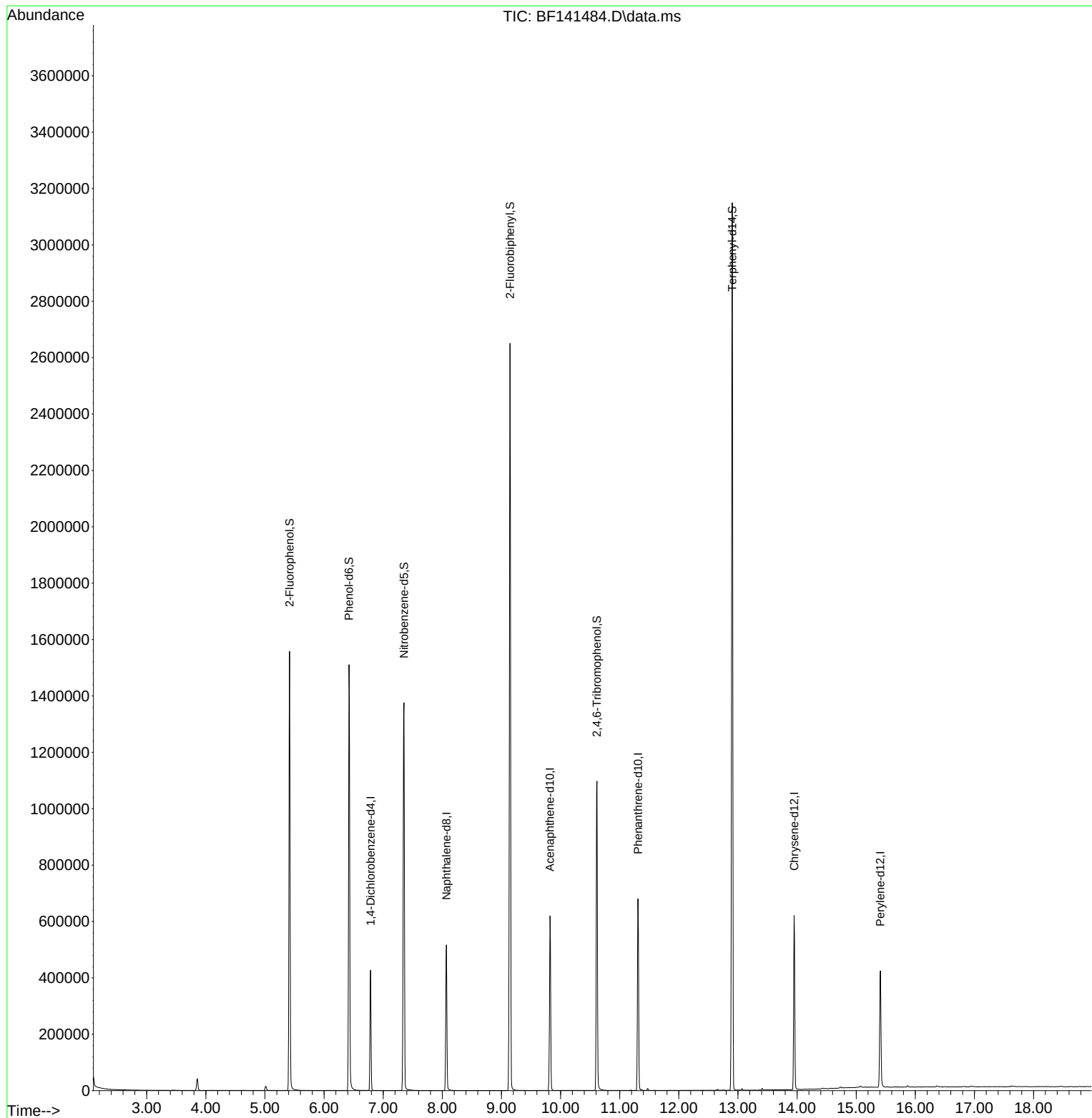
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

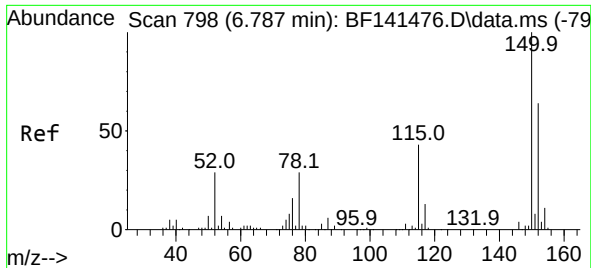
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 06 16:58:59 2025  
Response via : Initial Calibration

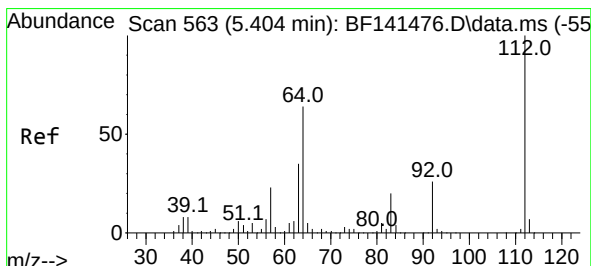
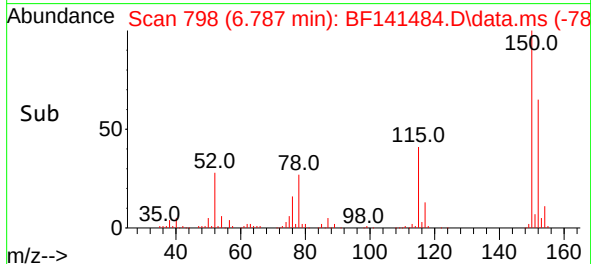
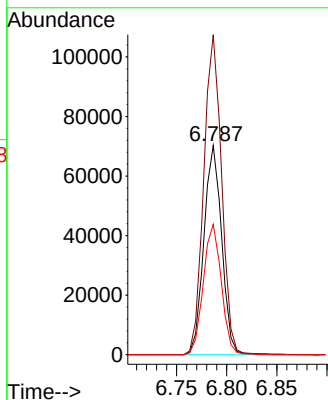
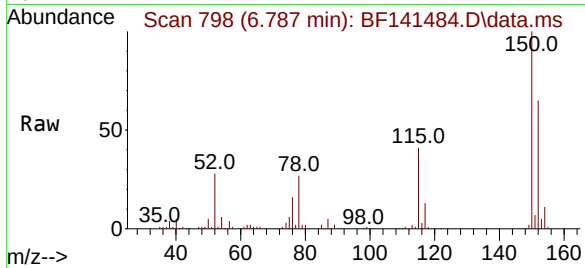




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 798  
 Delta R.T. -0.005 min  
 Lab File: BF141484.D  
 Acq: 06 Feb 2025 17:02

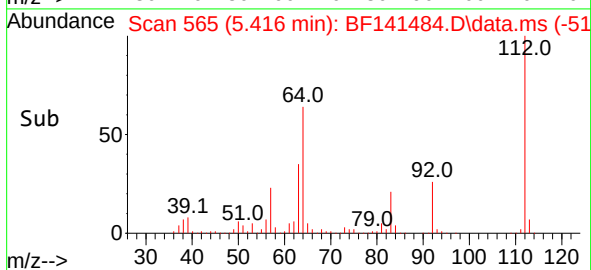
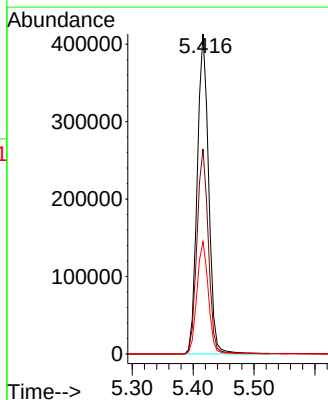
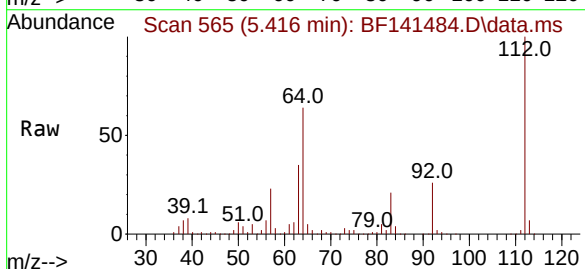
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166468BL

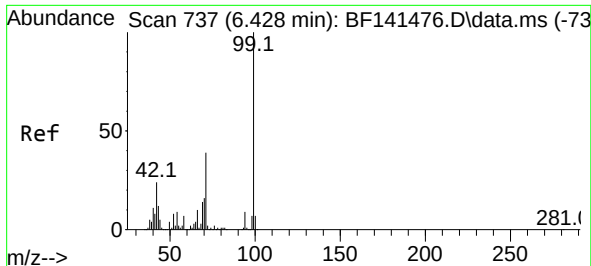
Tgt Ion:152 Resp: 86774  
 Ion Ratio Lower Upper  
 152 100  
 150 153.0 125.0 187.4  
 115 62.4 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 97.465 ng  
 RT: 5.416 min Scan# 565  
 Delta R.T. 0.006 min  
 Lab File: BF141484.D  
 Acq: 06 Feb 2025 17:02

Tgt Ion:112 Resp: 539467  
 Ion Ratio Lower Upper  
 112 100  
 64 64.1 51.1 76.7  
 63 35.1 28.4 42.6

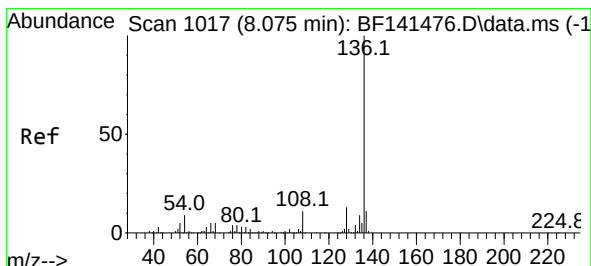
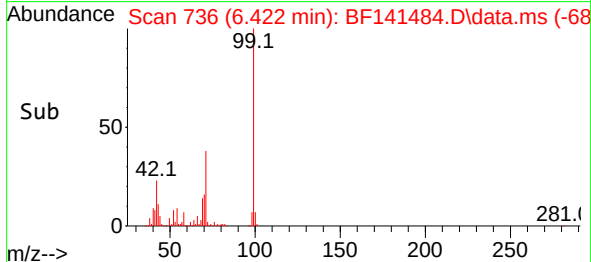
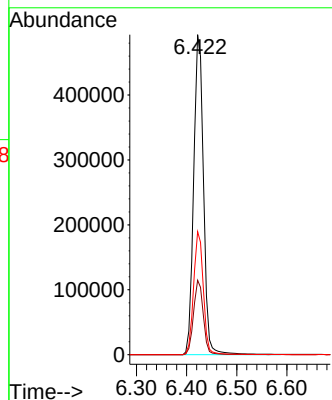
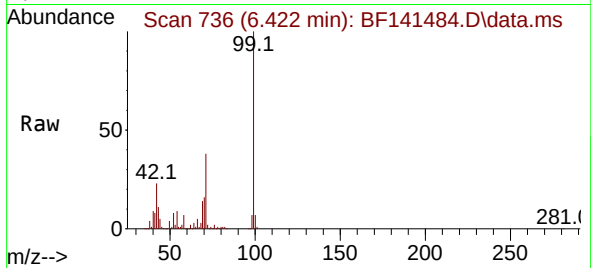




#7  
Phenol-d6  
Concen: 95.985 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

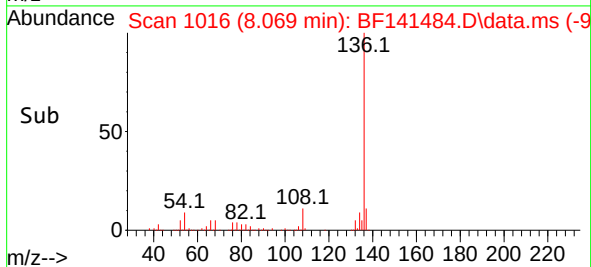
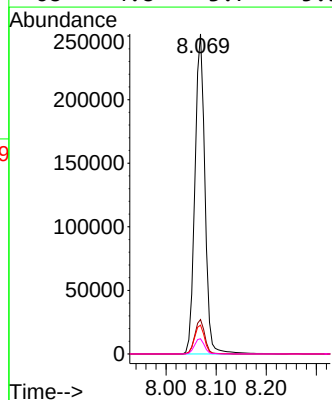
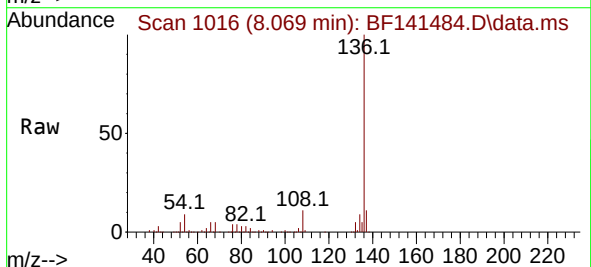
Instrument :  
BNA\_F  
ClientSampleId :  
PB166468BL

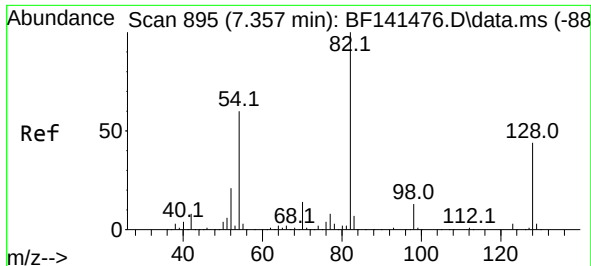
Tgt Ion: 99 Resp: 671485  
Ion Ratio Lower Upper  
99 100  
42 23.3 19.1 28.7  
71 38.4 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

Tgt Ion: 136 Resp: 347424  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 9.0 7.2 10.8  
68 4.8 3.7 5.5

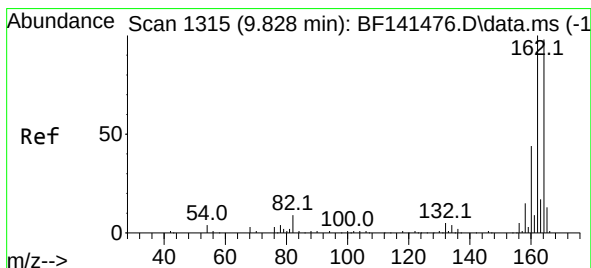
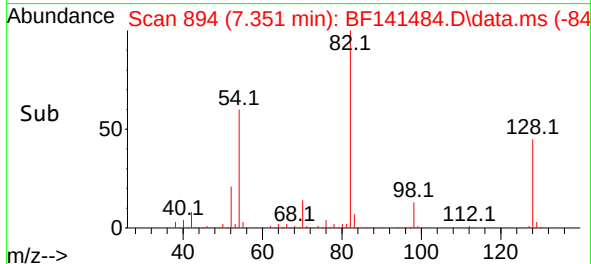
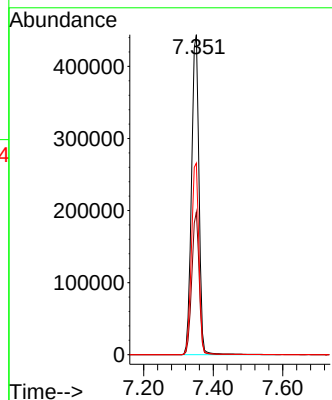
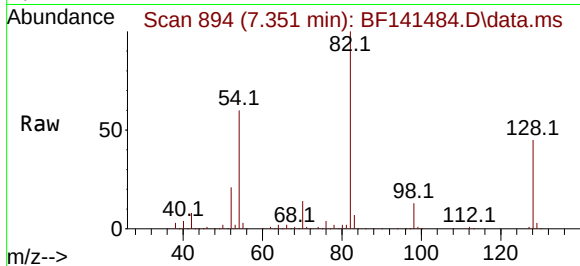




#23  
Nitrobenzene-d5  
Concen: 99.222 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

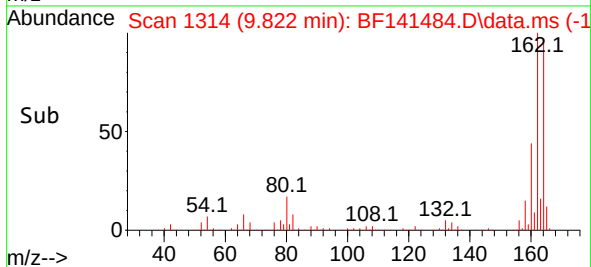
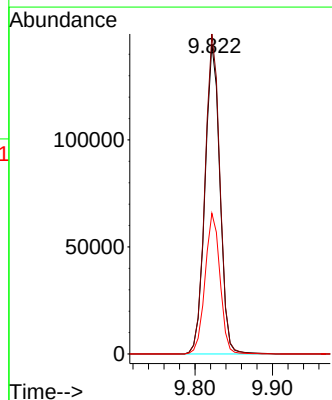
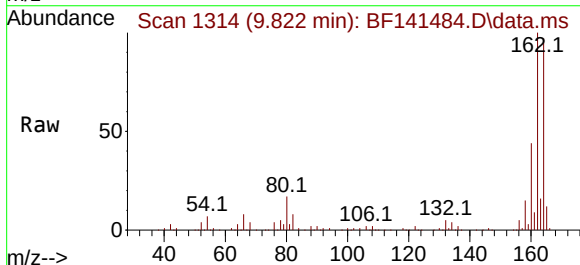
Instrument :  
BNA\_F  
ClientSampleId :  
PB166468BL

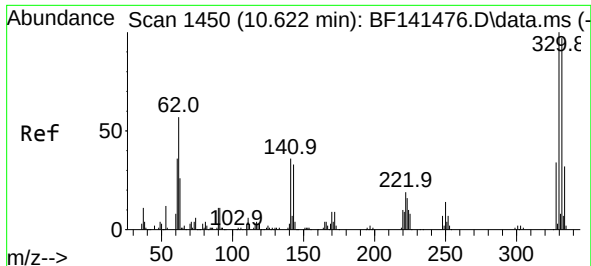
Tgt Ion: 82 Resp: 660912  
Ion Ratio Lower Upper  
82 100  
128 44.6 34.8 52.2  
54 59.8 48.2 72.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

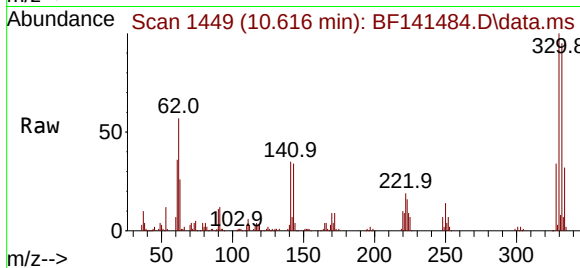
Tgt Ion:164 Resp: 193167  
Ion Ratio Lower Upper  
164 100  
162 103.3 81.3 121.9  
160 45.4 35.9 53.9



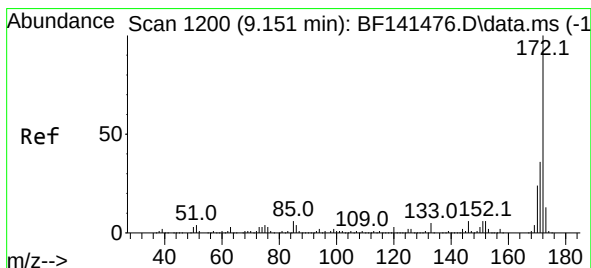
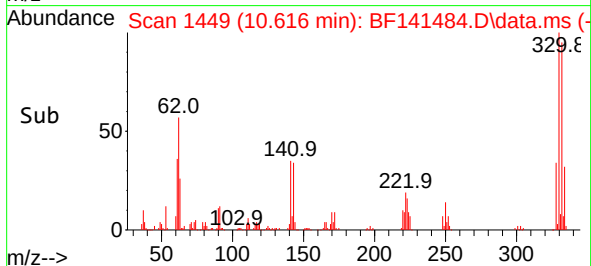
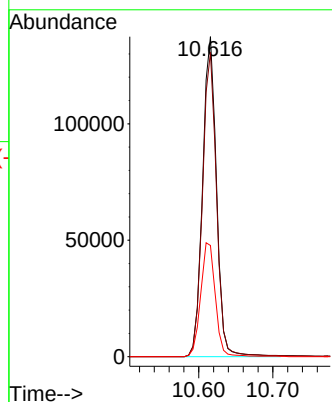


#42  
2,4,6-Tribromophenol  
Concen: 92.744 ng  
RT: 10.616 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB166468BL

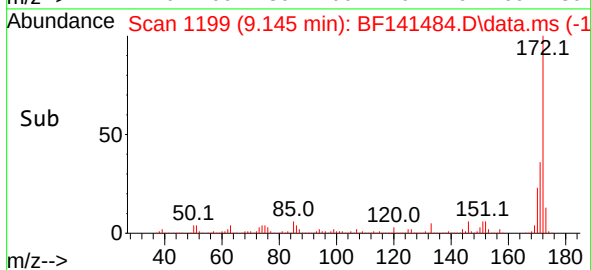
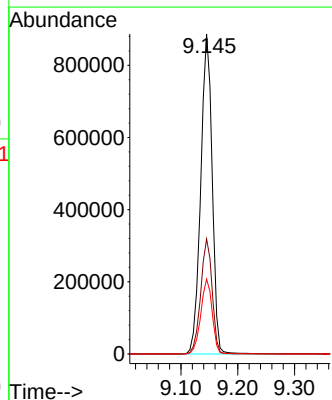
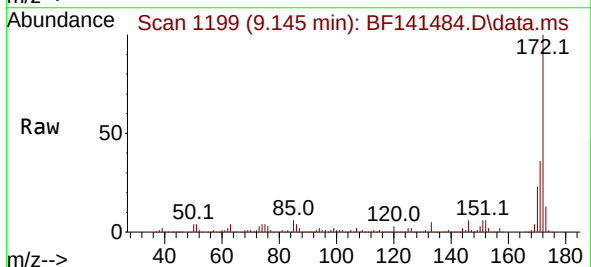


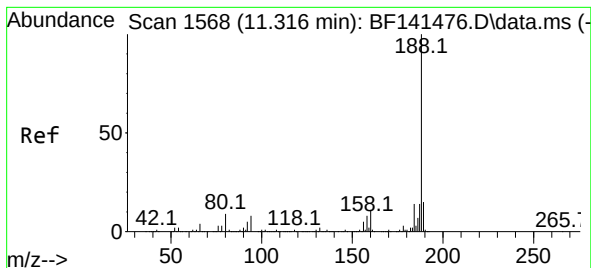
Tgt Ion:330 Resp: 179966  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.5 117.7  
141 37.6 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 99.077 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

Tgt Ion:172 Resp: 1242233  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.7 43.1  
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141484.D

Acq: 06 Feb 2025 17:02

Instrument :

BNA\_F

ClientSampleId :

PB166468BL

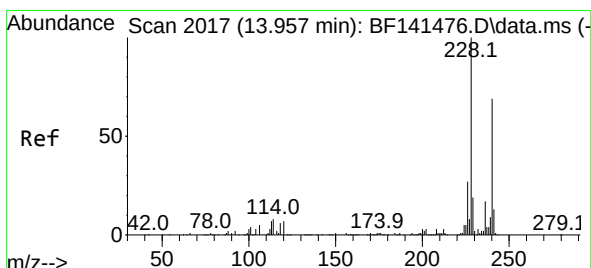
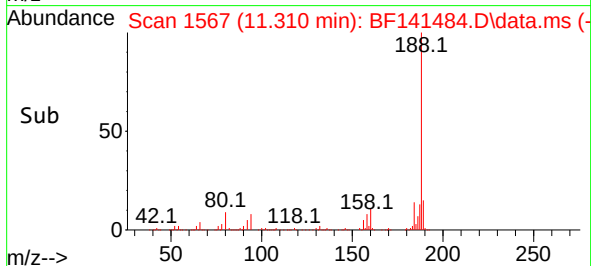
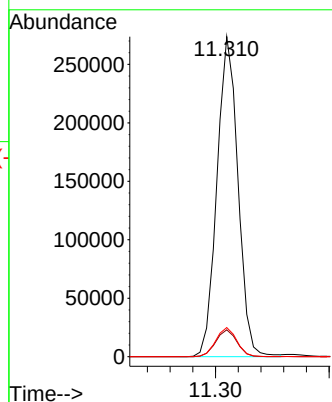
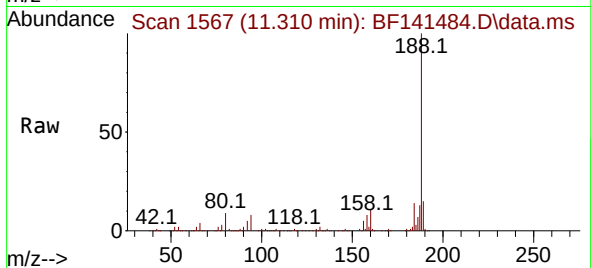
Tgt Ion:188 Resp: 352138

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141484.D

Acq: 06 Feb 2025 17:02

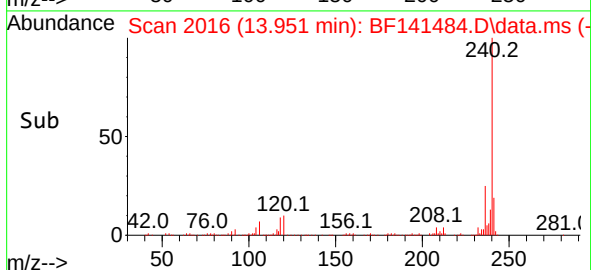
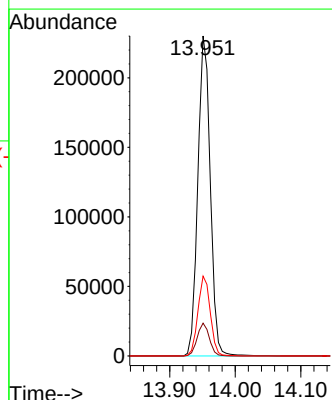
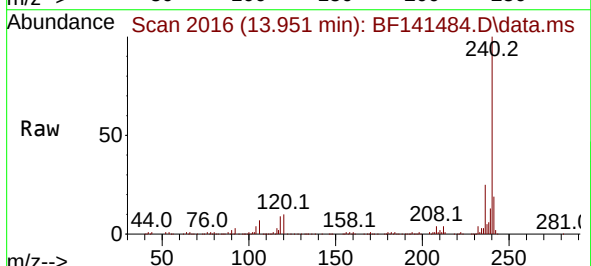
Tgt Ion:240 Resp: 303600

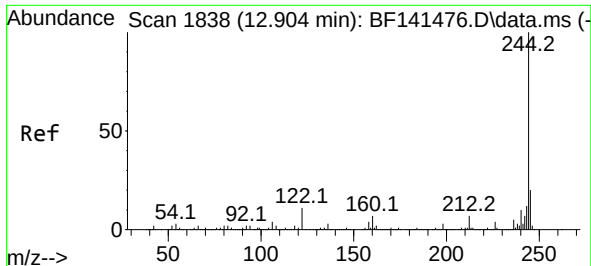
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 24.9 19.8 29.8

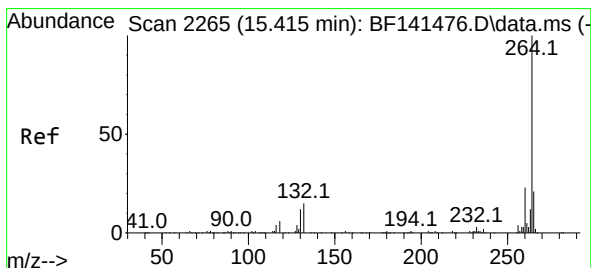
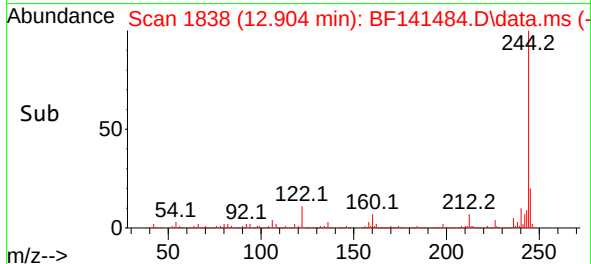
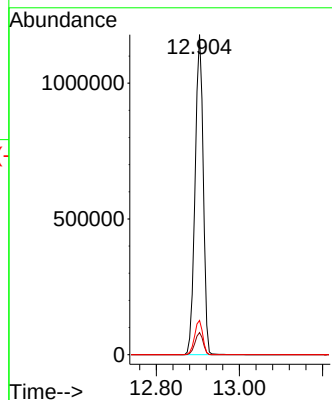
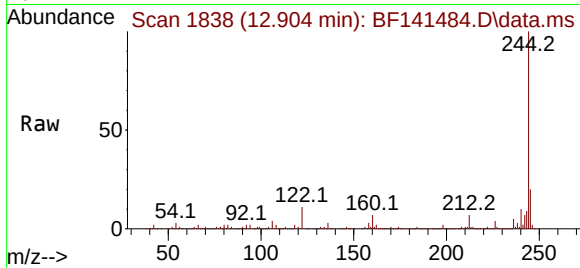




#79  
Terphenyl-d14  
Concen: 88.728 ng  
RT: 12.904 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB166468BL

Tgt Ion:244 Resp: 1595685  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.6 8.4  
122 10.7 8.4 12.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.410 min Scan# 2264  
Delta R.T. -0.006 min  
Lab File: BF141484.D  
Acq: 06 Feb 2025 17:02

Tgt Ion:264 Resp: 243629  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.6 28.0  
265 21.4 17.0 25.4

