

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022525\  
 Data File : BF141767.D  
 Acq On : 25 Feb 2025 16:35  
 Operator : RC/JU  
 Sample : Q1415-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-163-SB02

Quant Time: Feb 25 16:56:07 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   | 6.781  | 152  | 74409    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.063  | 136  | 292573   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 153922   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 248859   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 13.939 | 240  | 169140   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 15.386 | 264  | 184984   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 396859   | 83.615 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 488768   | 81.477 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 304374   | 54.262 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 111523   | 72.126 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.134  | 172  | 592893   | 59.344 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 548636   | 54.759 | ng    | -0.02    |

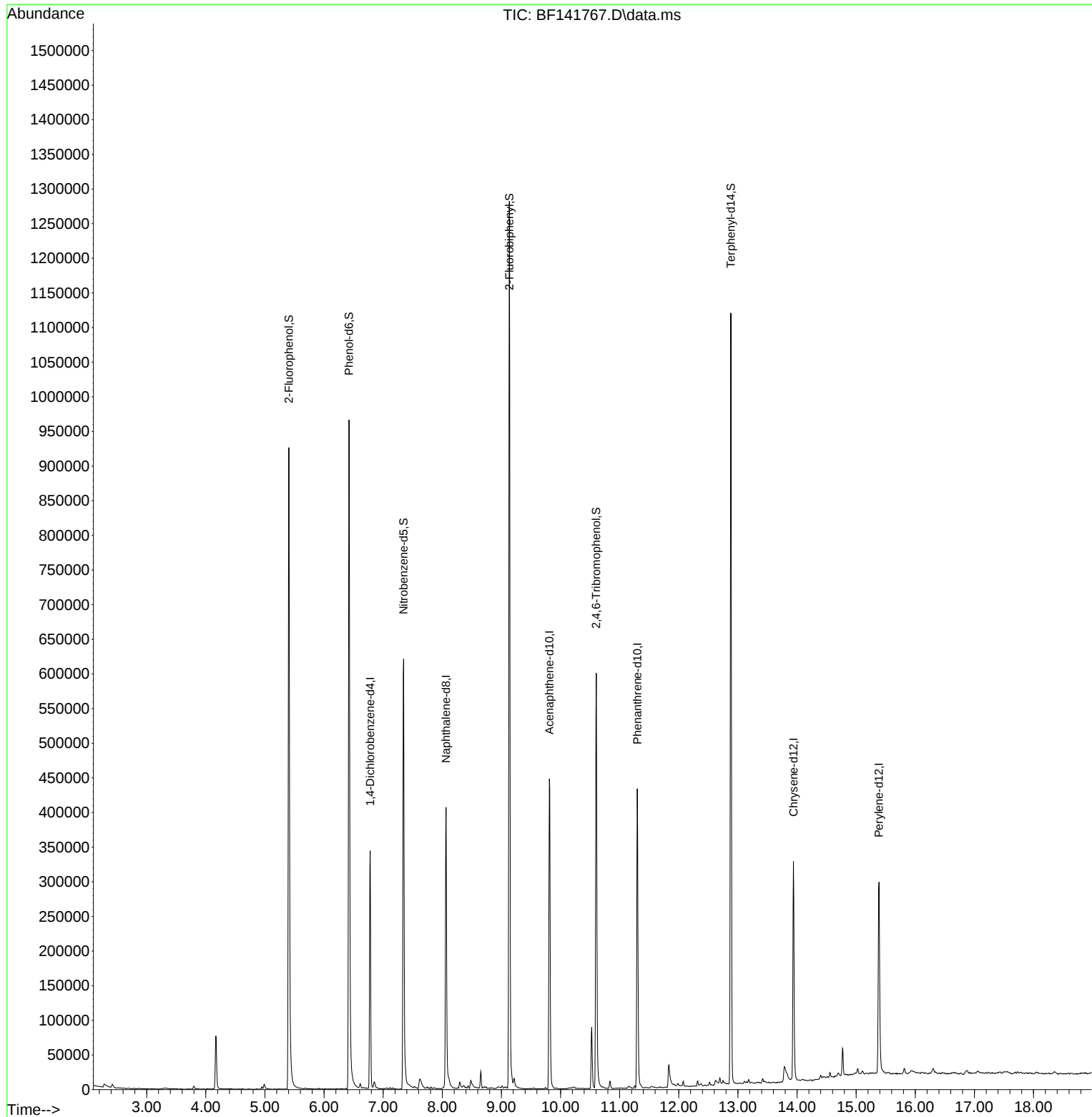
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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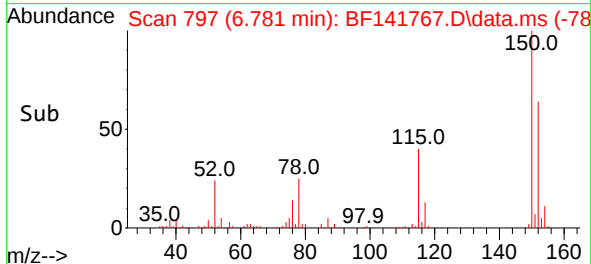
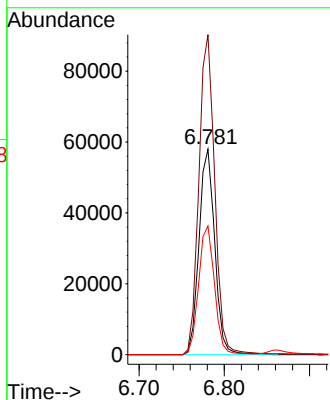
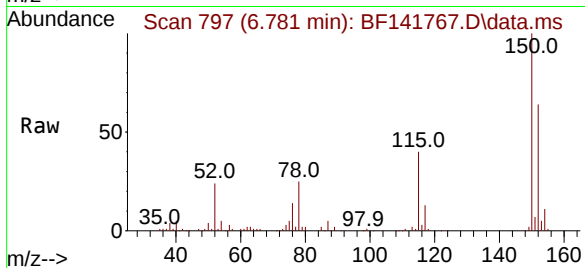




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141767.D  
 Acq: 25 Feb 2025 16:35

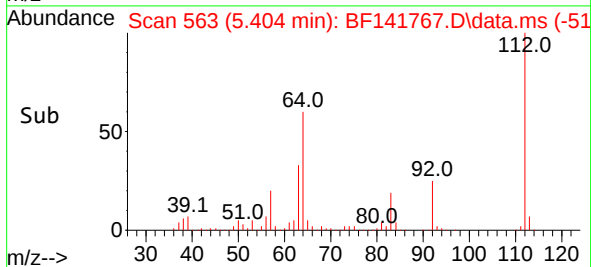
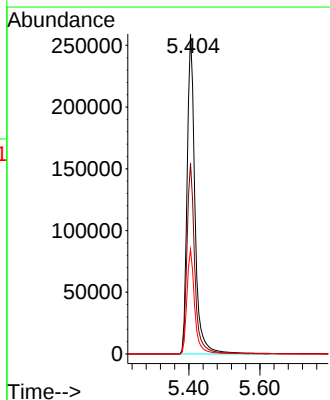
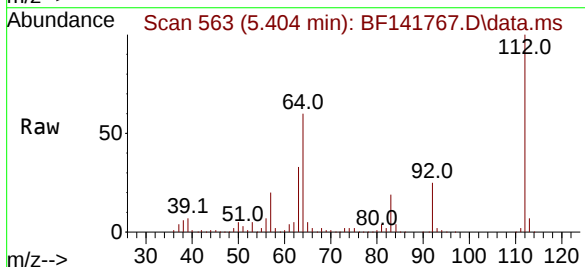
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-163-SB02

Tgt Ion:152 Resp: 74409  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 125.0 187.4  
 115 62.7 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 83.615 ng  
 RT: 5.404 min Scan# 563  
 Delta R.T. -0.006 min  
 Lab File: BF141767.D  
 Acq: 25 Feb 2025 16:35

Tgt Ion:112 Resp: 396859  
 Ion Ratio Lower Upper  
 112 100  
 64 59.7 51.1 76.7  
 63 32.6 28.4 42.6

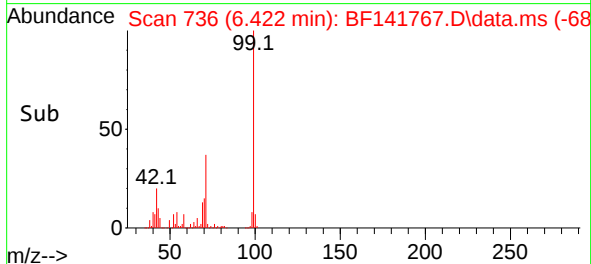
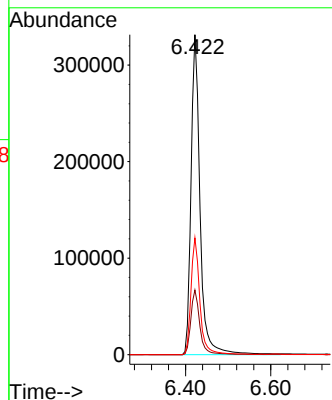
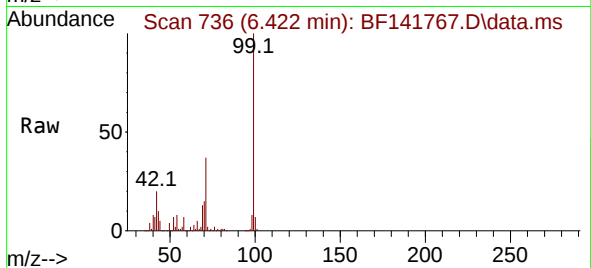




#7  
Phenol-d6  
Concen: 81.477 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

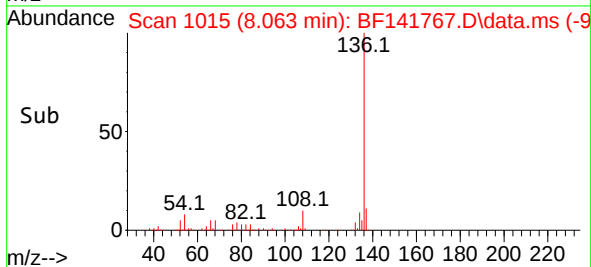
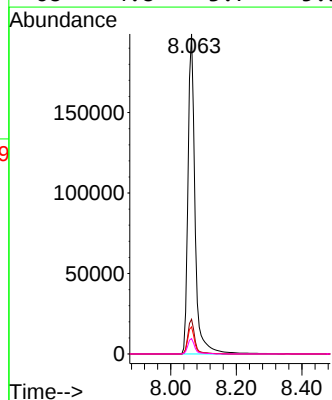
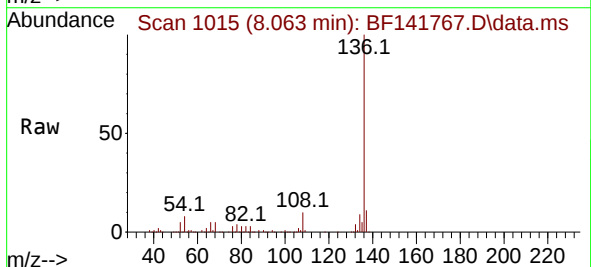
Instrument :  
BNA\_F  
ClientSampleId :  
B-163-SB02

Tgt Ion: 99 Resp: 488768  
Ion Ratio Lower Upper  
99 100  
42 20.2 19.1 28.7  
71 36.5 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

Tgt Ion: 136 Resp: 292573  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.4 7.2 10.8  
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 54.262 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

Instrument :

BNA\_F

ClientSampleId :

B-163-SB02

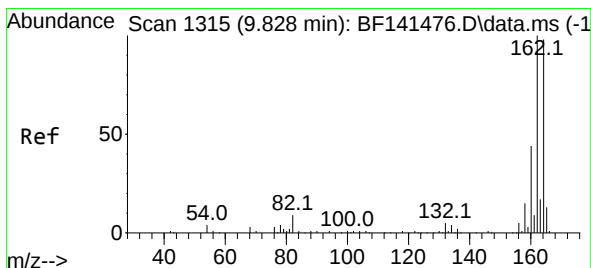
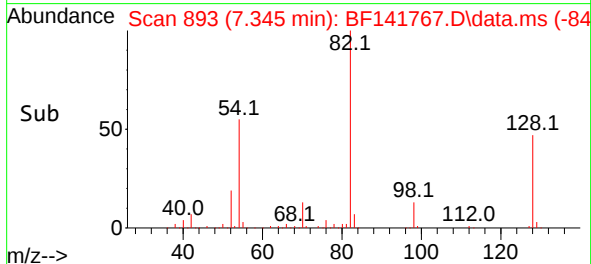
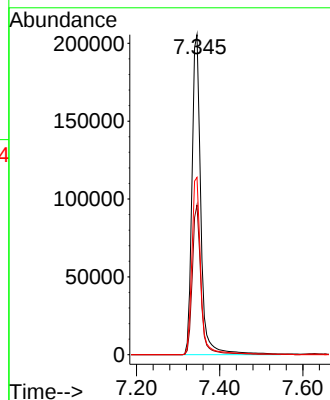
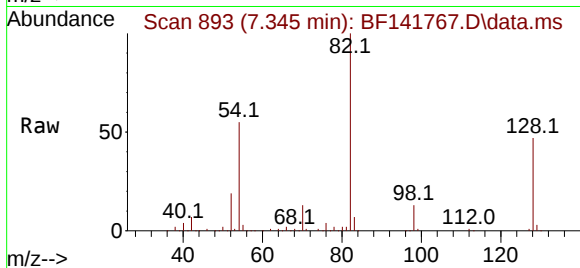
Tgt Ion: 82 Resp: 304374

Ion Ratio Lower Upper

82 100

128 46.8 34.8 52.2

54 55.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

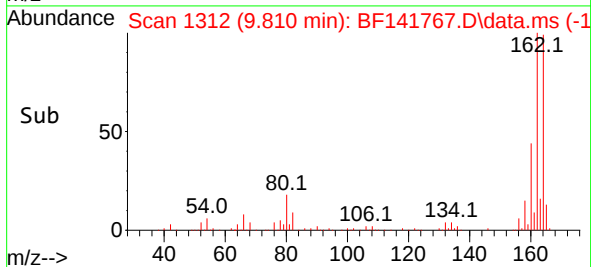
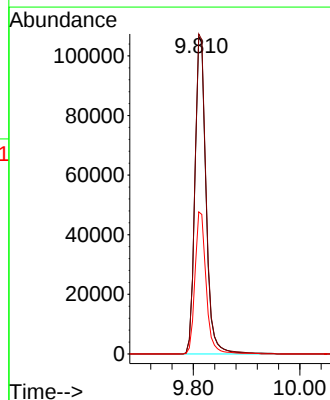
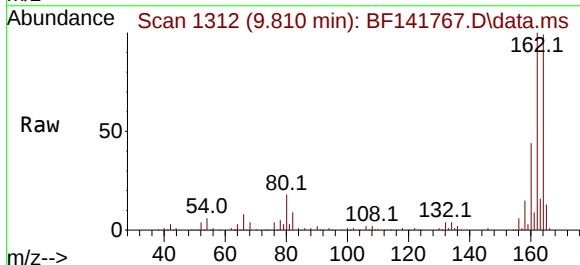
Tgt Ion:164 Resp: 153922

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 72.126 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

Instrument :

BNA\_F

ClientSampleId :

B-163-SB02

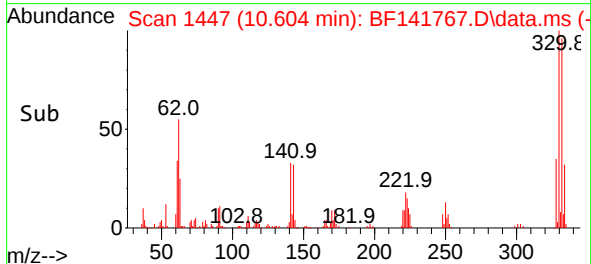
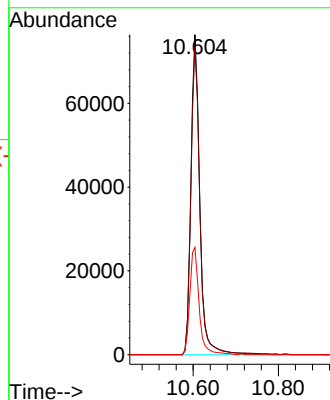
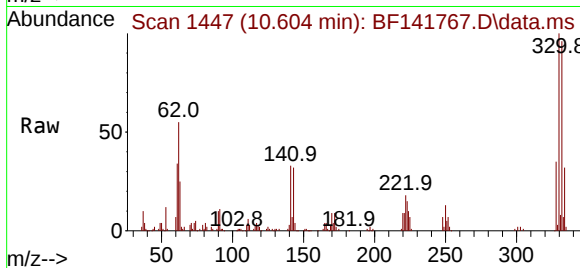
Tgt Ion:330 Resp: 111523

Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

141 34.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 59.344 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

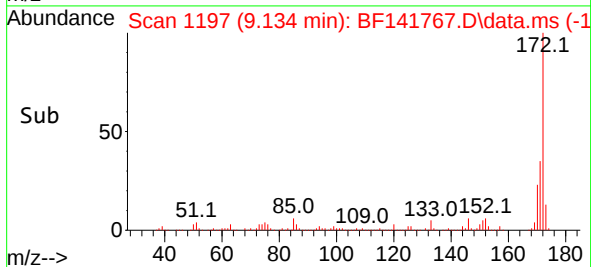
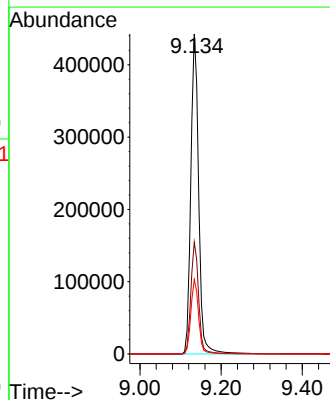
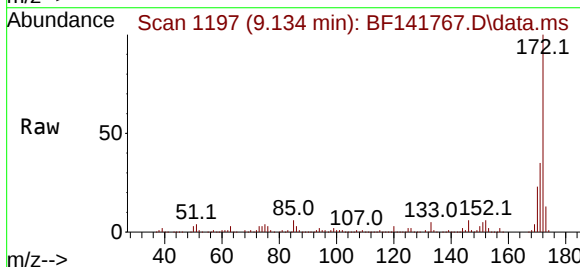
Tgt Ion:172 Resp: 592893

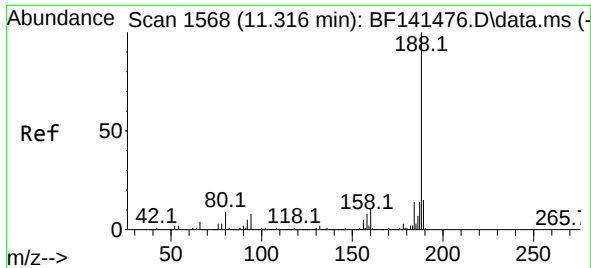
Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 23.3 18.9 28.3

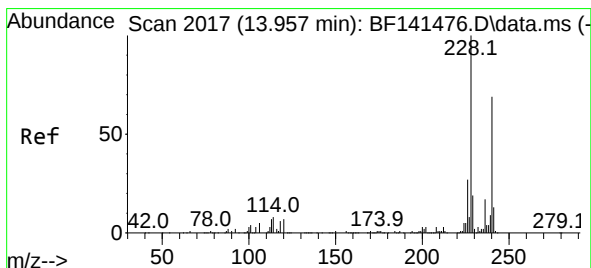
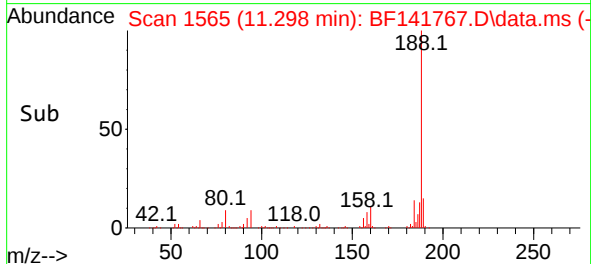
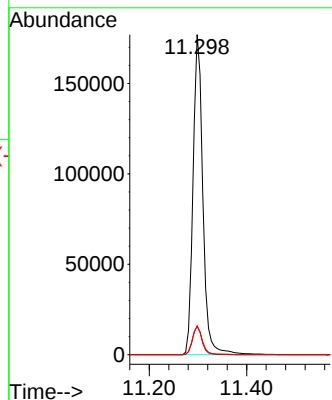
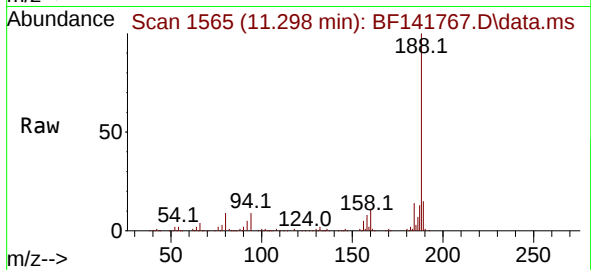




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 1  
Delta R.T. -0.017 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

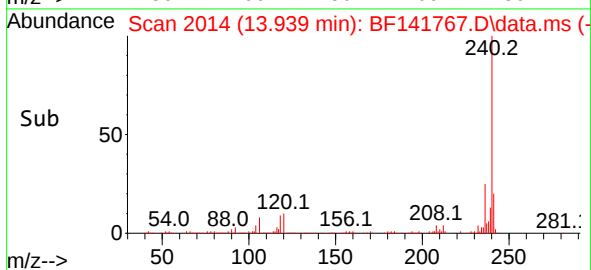
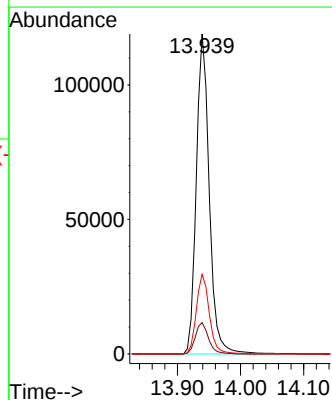
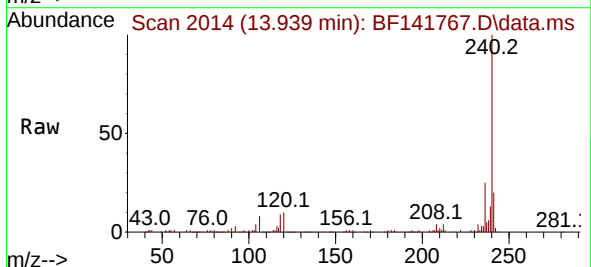
Instrument :  
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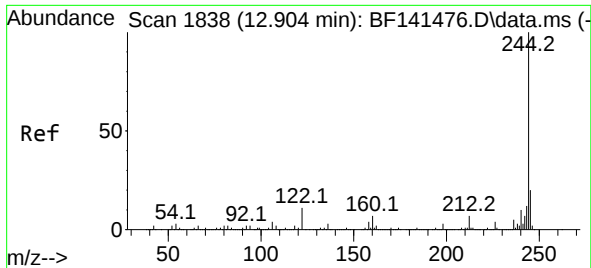
Tgt Ion:188 Resp: 248859  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 10.0  
80 8.9 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.023 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

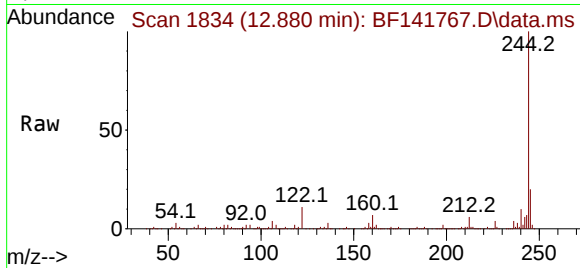
Tgt Ion:240 Resp: 169140  
Ion Ratio Lower Upper  
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120 9.8 8.0 12.0  
236 24.9 19.8 29.8



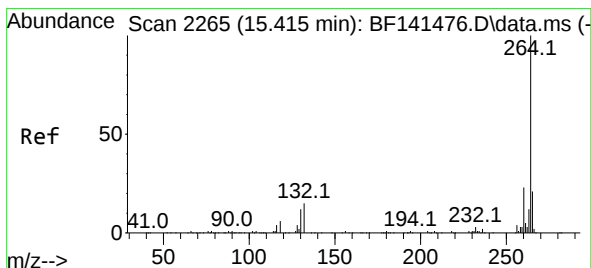
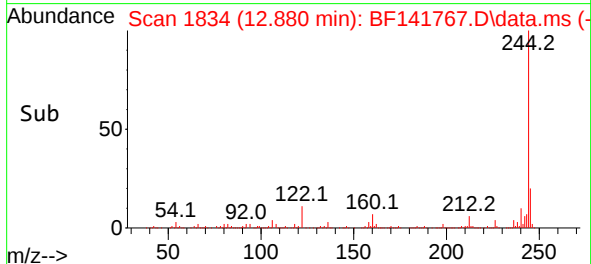
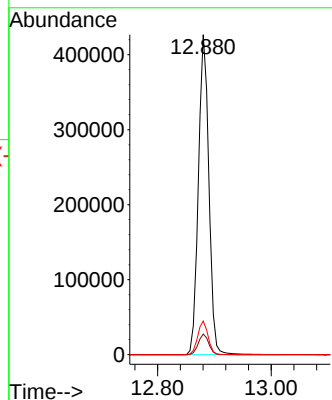


#79  
Terphenyl-d14  
Concen: 54.759 ng  
RT: 12.880 min Scan# 1834  
Delta R.T. -0.023 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
B-163-SB02



Tgt Ion:244 Resp: 548636  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.6 8.4  
122 10.5 8.4 12.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.386 min Scan# 2260  
Delta R.T. -0.029 min  
Lab File: BF141767.D  
Acq: 25 Feb 2025 16:35

Tgt Ion:264 Resp: 184984  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.6 28.0  
265 20.3 17.0 25.4

