

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141717.D  
 Acq On : 21 Feb 2025 13:43  
 Operator : RC/JU  
 Sample : PB166784TB  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166784TB

Quant Time: Feb 21 14:07:51 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   | 6.775  | 152  | 97024    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.063  | 136  | 388261   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 206913   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 347575   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.933 | 240  | 216789   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 15.380 | 264  | 169797   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 855920   | 138.302 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 1049344  | 134.151 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 686503   | 92.223  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 263715   | 126.875 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1285863  | 95.743  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 1347220  | 104.910 | ng    | -0.02    |

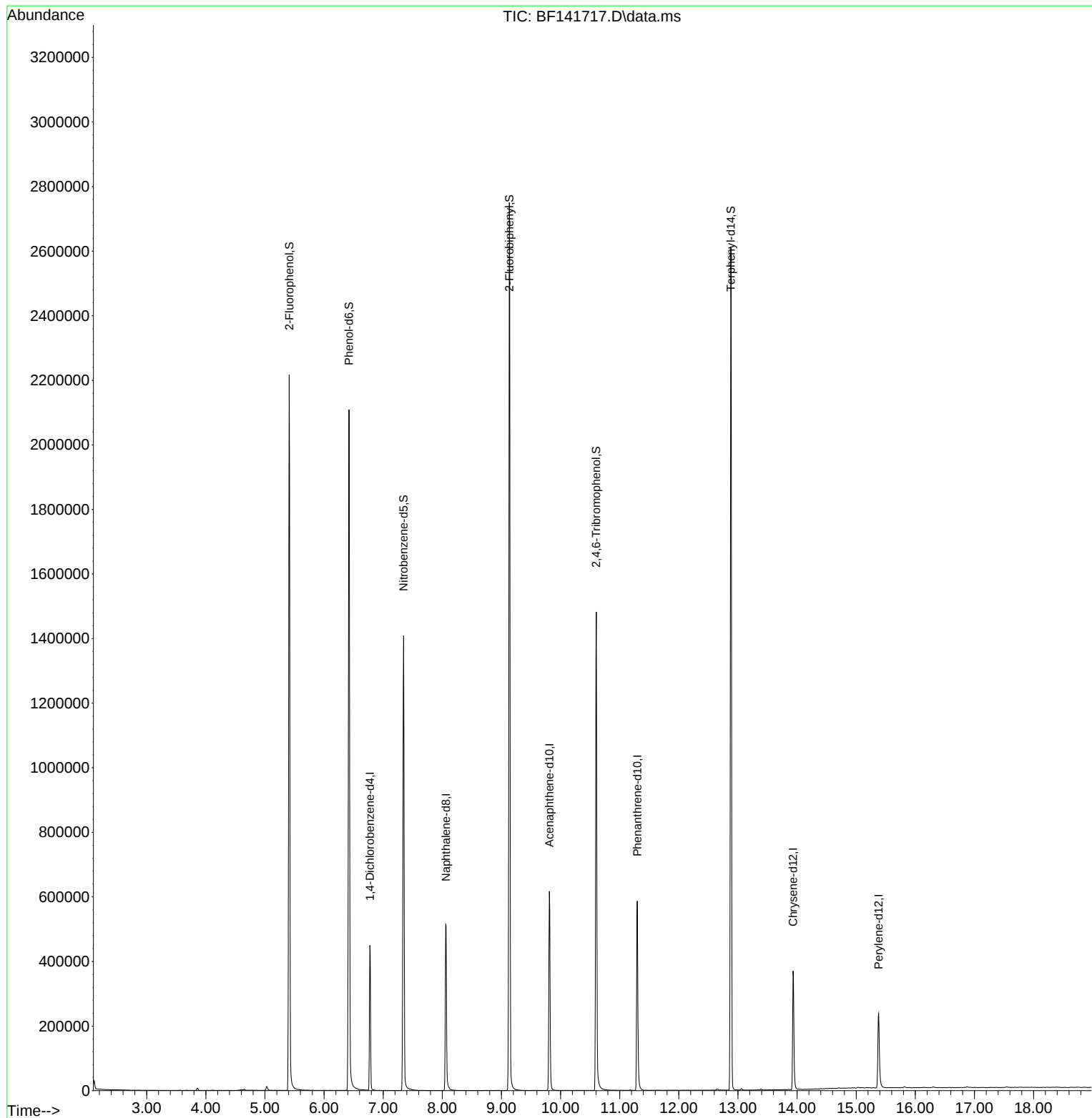
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

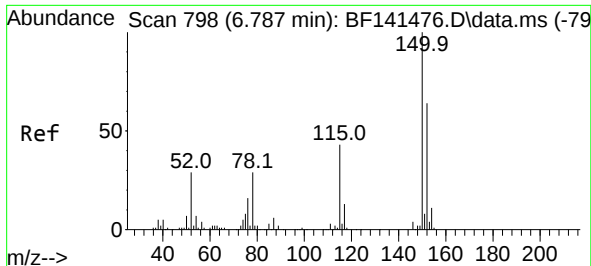
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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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

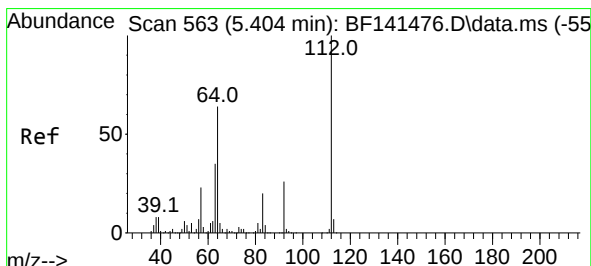
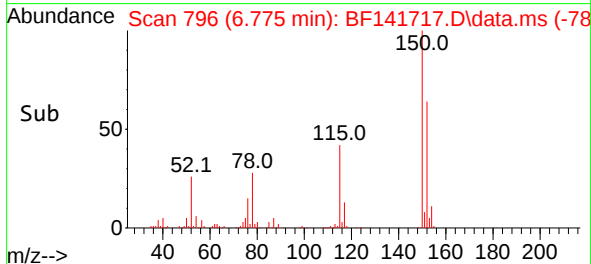
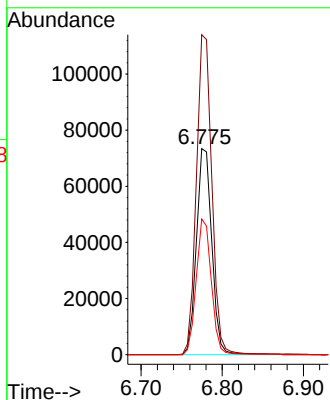
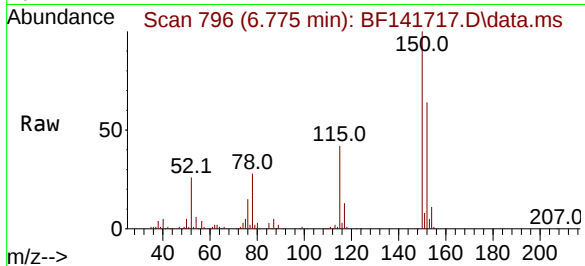




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.775 min Scan# 798  
Delta R.T. -0.017 min  
Lab File: BF141717.D  
Acq: 21 Feb 2025 13:43

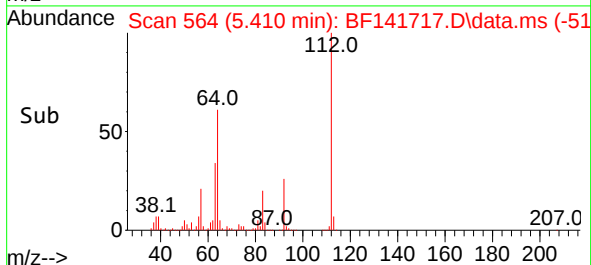
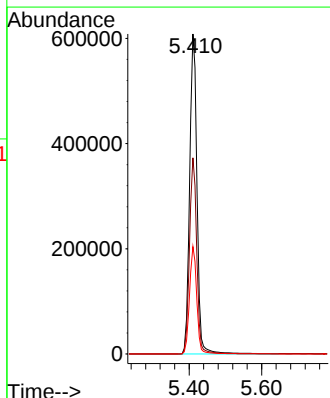
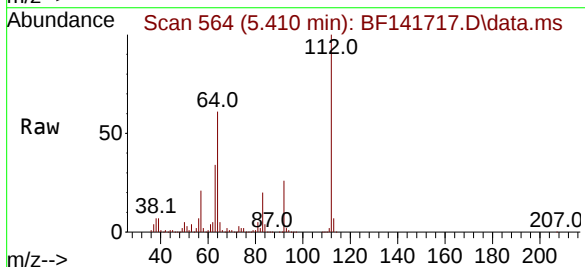
Instrument :  
BNA\_F  
ClientSampleId :  
PB166784TB

Tgt Ion:152 Resp: 97024  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.0 187.4  
115 65.9 53.6 80.4



#5  
2-Fluorophenol  
Concen: 138.302 ng  
RT: 5.410 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: BF141717.D  
Acq: 21 Feb 2025 13:43

Tgt Ion:112 Resp: 855920  
Ion Ratio Lower Upper  
112 100  
64 61.3 51.1 76.7  
63 33.6 28.4 42.6





#7

Phenol-d6

Concen: 134.151 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

Instrument :

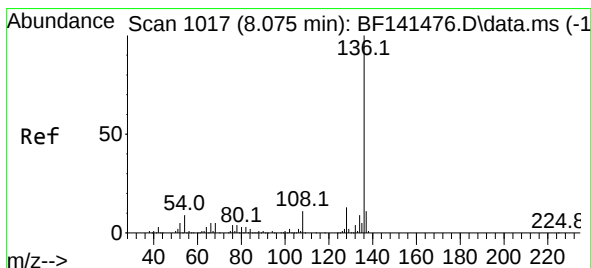
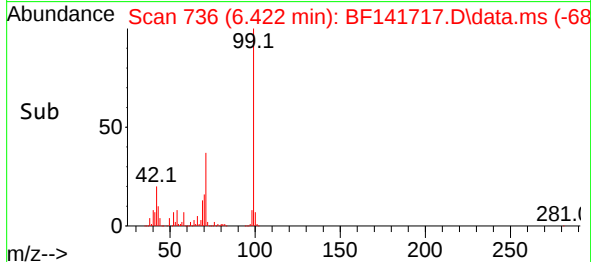
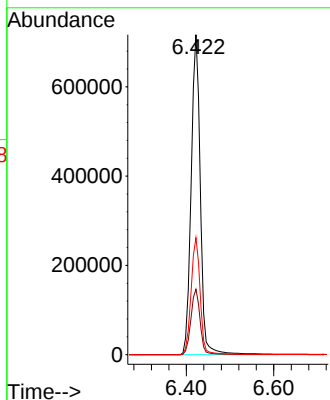
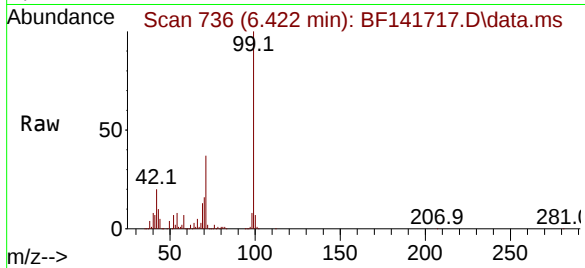
BNA\_F

ClientSampleId :

PB166784TB

Tgt Ion: 99 Resp: 1049344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 19.1  | 28.7  |
| 71  | 36.5  | 31.1  | 46.7  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1015

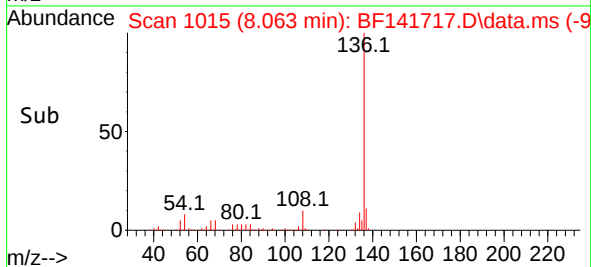
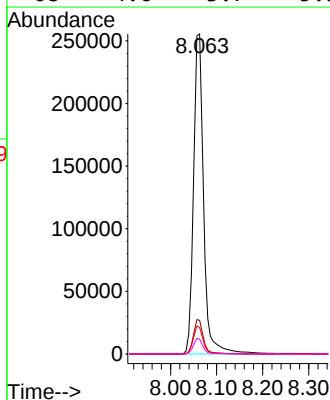
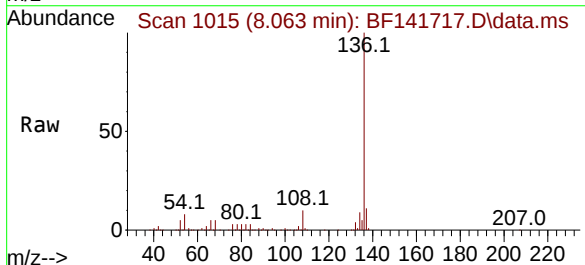
Delta R.T. -0.012 min

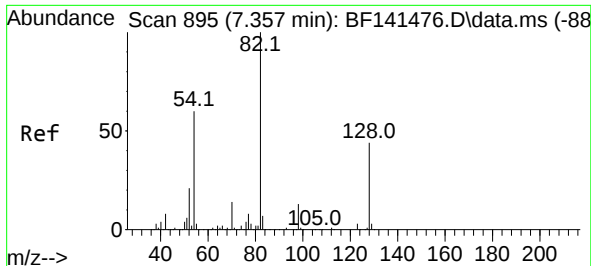
Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

Tgt Ion: 136 Resp: 388261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.6   | 13.0  |
| 54  | 8.3   | 7.2   | 10.8  |
| 68  | 4.6   | 3.7   | 5.5   |





#23

Nitrobenzene-d5

Concen: 92.223 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

Instrument :

BNA\_F

ClientSampleId :

PB166784TB

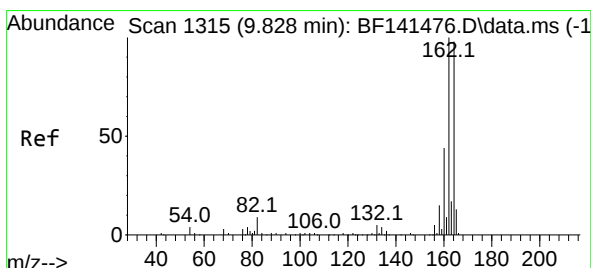
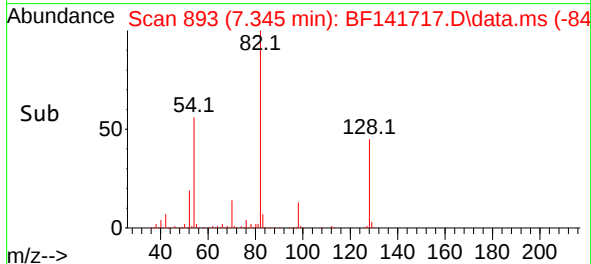
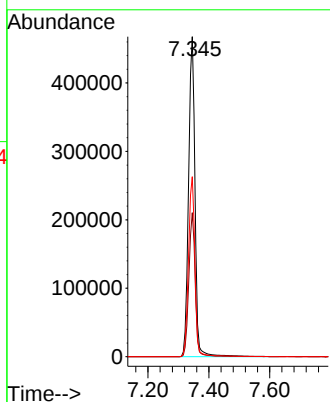
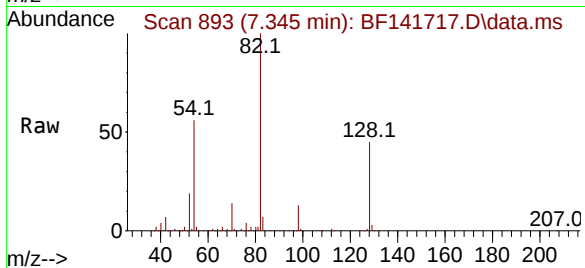
Tgt Ion: 82 Resp: 686503

Ion Ratio Lower Upper

82 100

128 45.0 34.8 52.2

54 56.3 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: BF141717.D

Acq: 21 Feb 2025 13:43

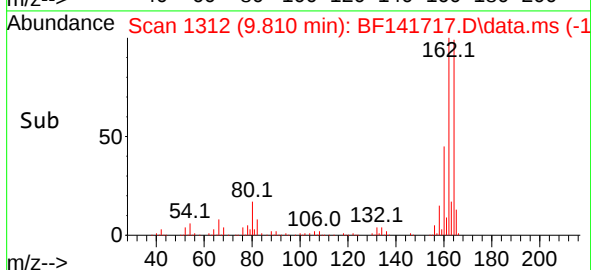
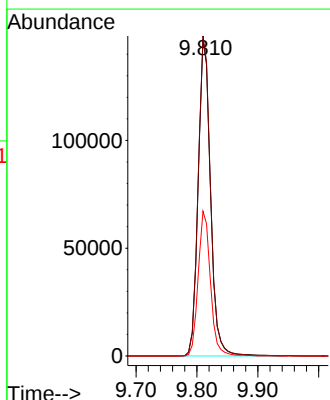
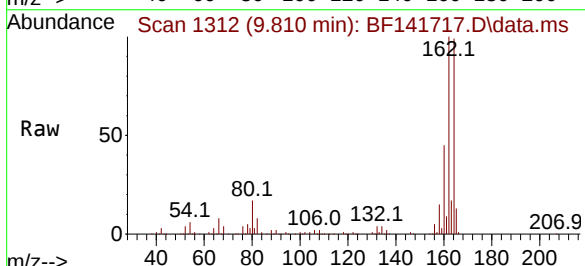
Tgt Ion:164 Resp: 206913

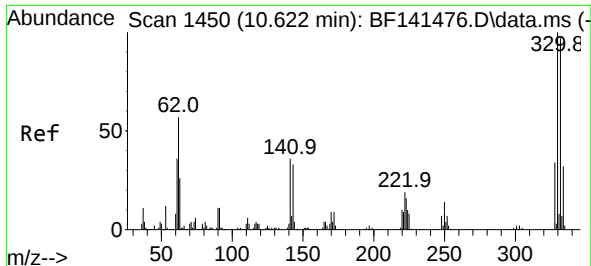
Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

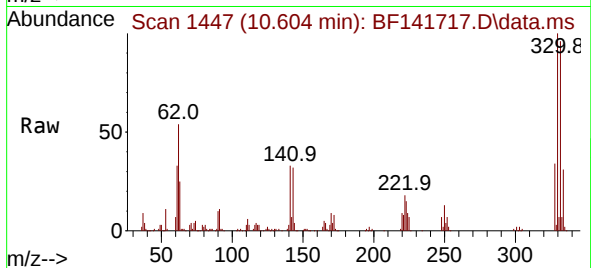
160 45.7 35.9 53.9



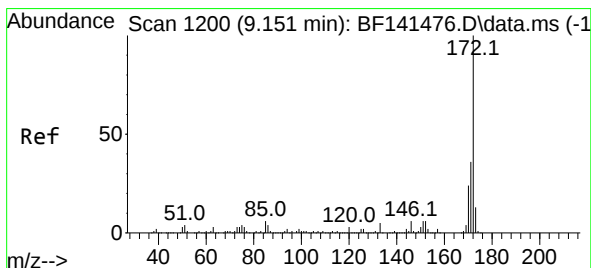
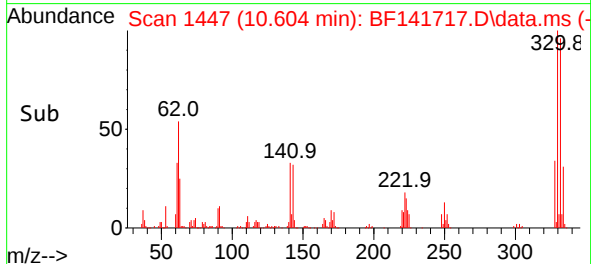
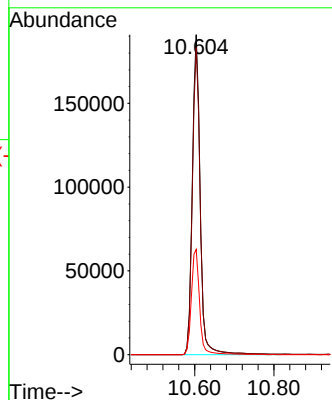


#42  
2,4,6-Tribromophenol  
Concen: 126.875 ng  
RT: 10.604 min Scan# 1447  
Delta R.T. -0.023 min  
Lab File: BF141717.D  
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PB166784TB

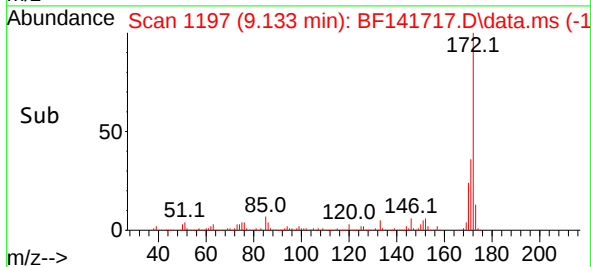
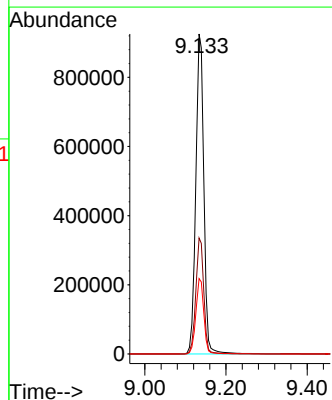
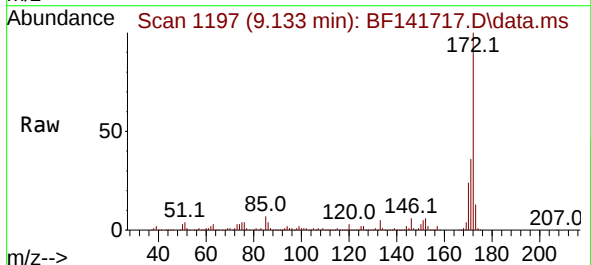


Tgt Ion:330 Resp: 263715  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.5 117.7  
141 34.5 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 95.743 ng  
RT: 9.133 min Scan# 1197  
Delta R.T. -0.018 min  
Lab File: BF141717.D  
Acq: 21 Feb 2025 13:43

Tgt Ion:172 Resp: 1285863  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.7 43.1  
170 23.5 18.9 28.3

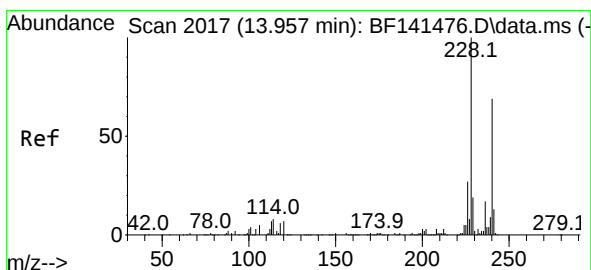
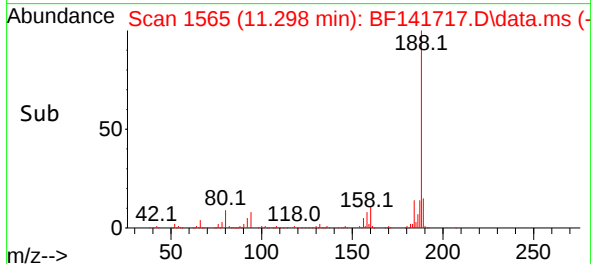
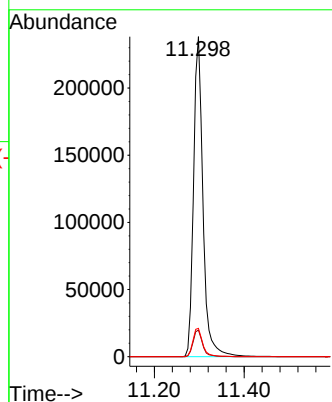
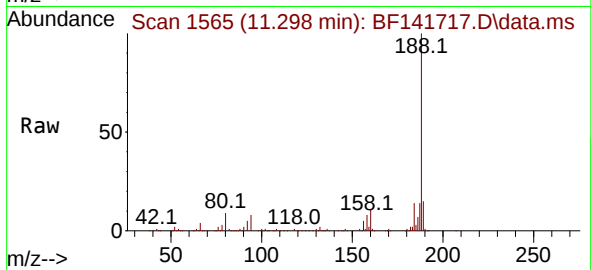




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141717.D  
Acq: 21 Feb 2025 13:43

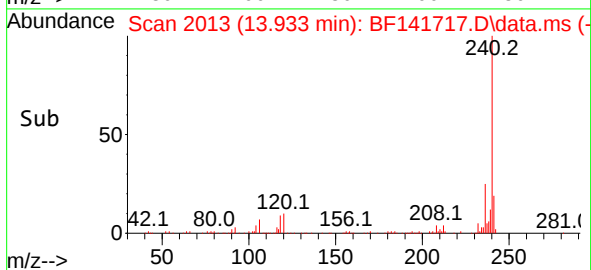
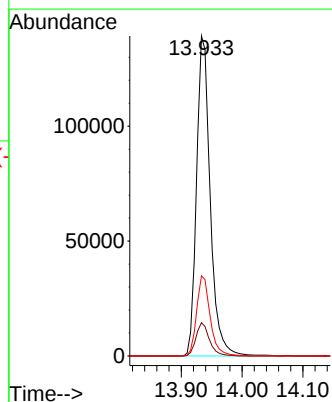
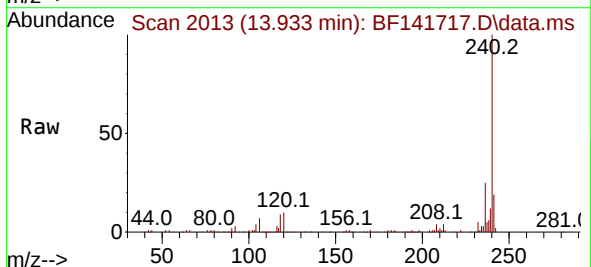
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Tgt Ion:188 Resp: 347575  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.6 10.0  
80 8.9 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2013  
Delta R.T. -0.029 min  
Lab File: BF141717.D  
Acq: 21 Feb 2025 13:43

Tgt Ion:240 Resp: 216789  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.0 12.0  
236 25.0 19.8 29.8

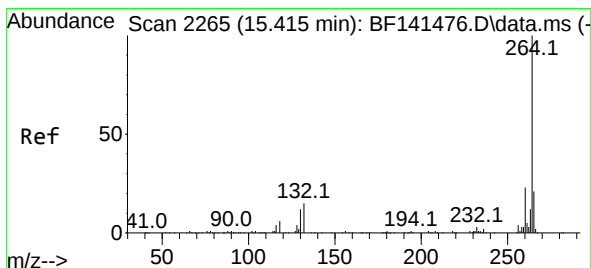
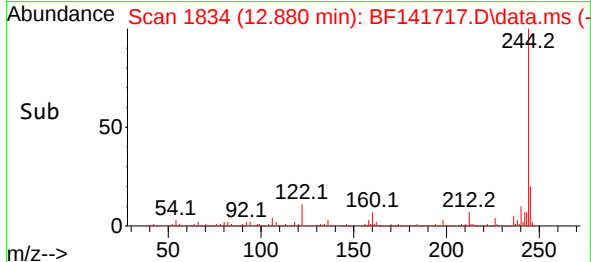
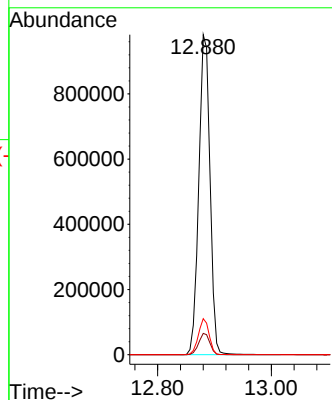
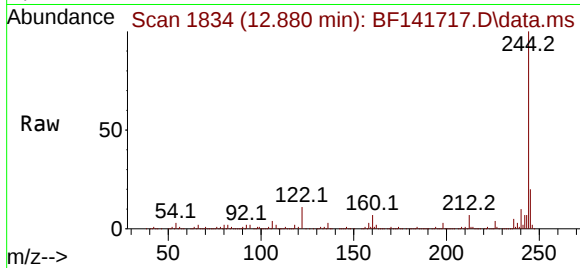




#79  
 Terphenyl-d14  
 Concen: 104.910 ng  
 RT: 12.880 min Scan# 11  
 Delta R.T. -0.023 min  
 Lab File: BF141717.D  
 Acq: 21 Feb 2025 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166784TB

Tgt Ion:244 Resp: 1347220  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 11.3 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 2259  
 Delta R.T. -0.035 min  
 Lab File: BF141717.D  
 Acq: 21 Feb 2025 13:43

Tgt Ion:264 Resp: 169797  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.6 28.0  
 265 21.9 17.0 25.4

