

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021425\  
 Data File : BF141644.D  
 Acq On : 14 Feb 2025 17:22  
 Operator : RC/JU  
 Sample : Q1365-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 366

Quant Time: Feb 14 18:01:38 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

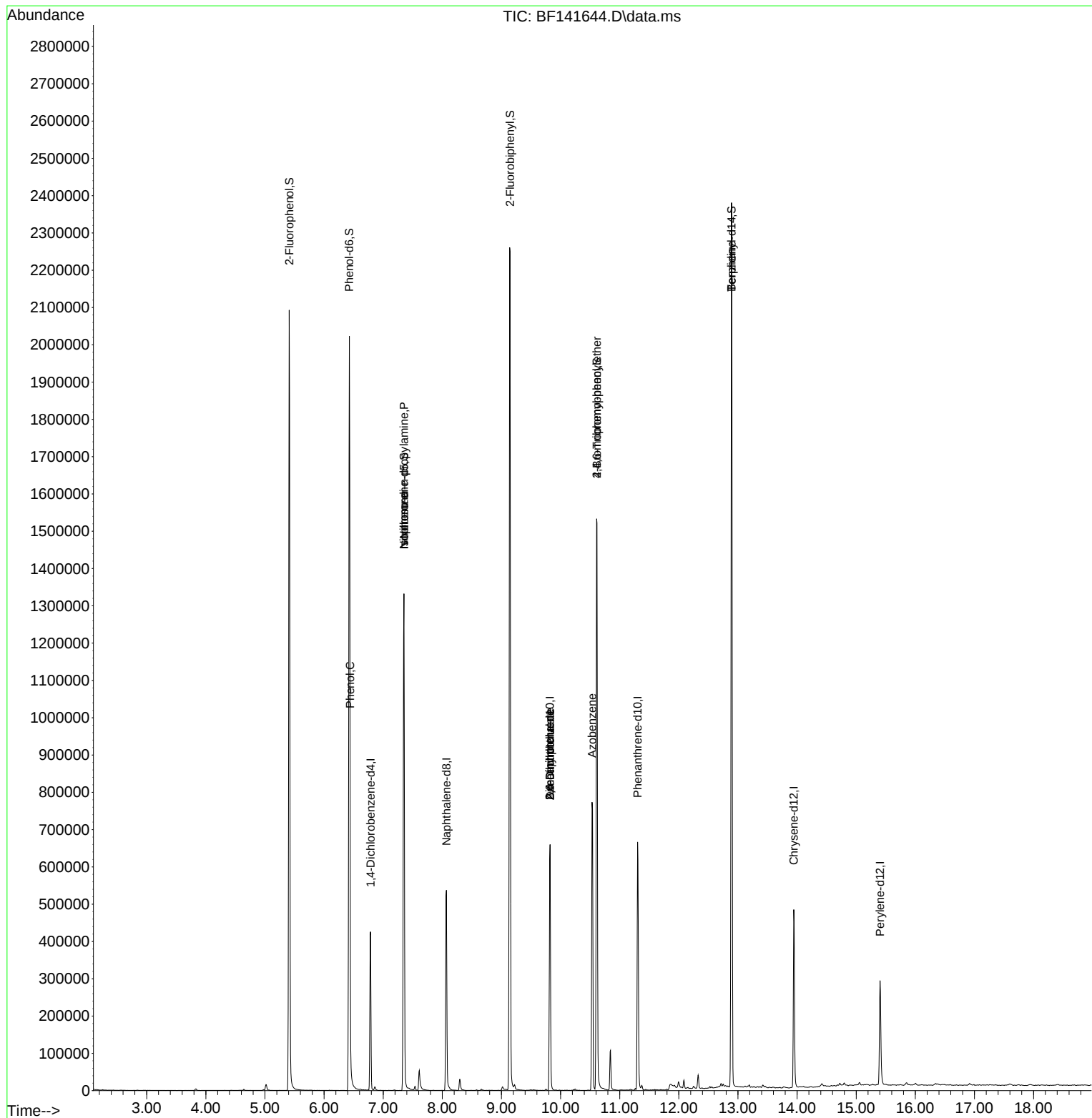
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 90532    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 377893   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 209045   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 367909   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.945 | 240  | 250849   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.404 | 264  | 182356   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 788920   | 136.617 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 983355   | 134.730 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 630685   | 87.050  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 266504   | 126.910 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1068433  | 78.743  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 1181132  | 79.488  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 10) Phenol                    | 6.440  | 94   | 21522    | 2.833   | ng    | # 54     |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 86460    | 19.804  | ng    | # 72     |
| 25) Isophorone                | 7.351  | 82   | 612272   | 53.001  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.822  | 163  | 31324    | 2.207   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 27190    | 8.764   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 27190    | 6.584   | ng    | # 19     |
| 63) Azobenzene                | 10.533 | 77   | 203675   | 14.673  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.616 | 248  | 18988    | 4.618   | ng    | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 15662    | 2.831   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

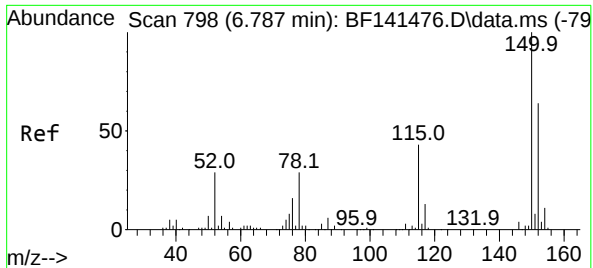
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021425\  
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Sample : Q1365-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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366

Quant Time: Feb 14 18:01:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
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QLast Update : Thu Feb 06 16:58:59 2025  
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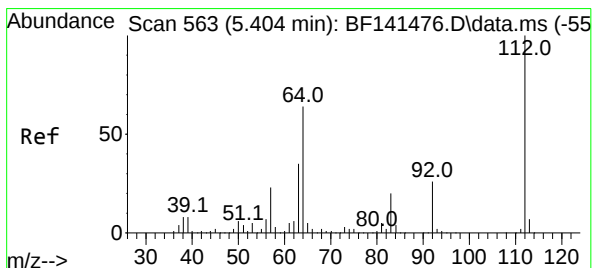
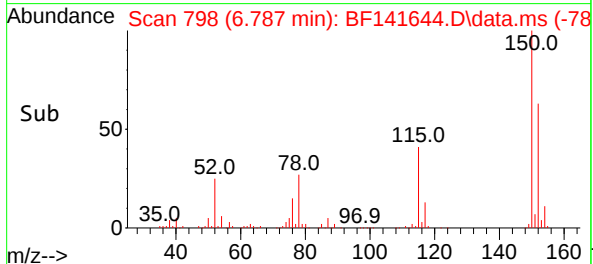
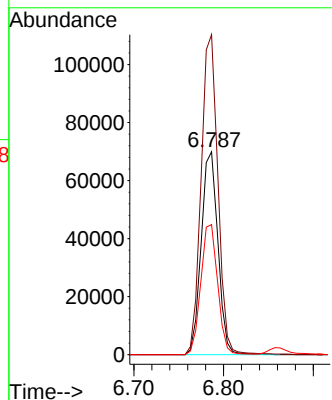
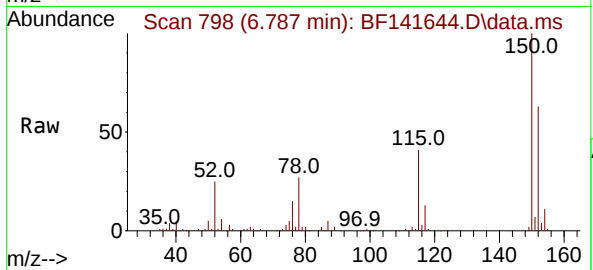




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

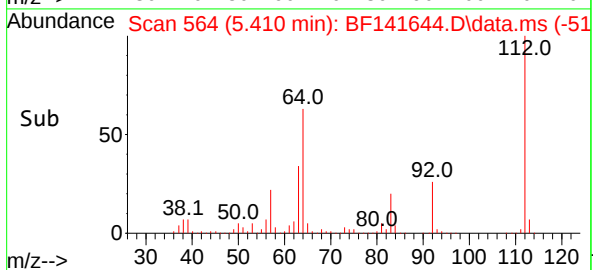
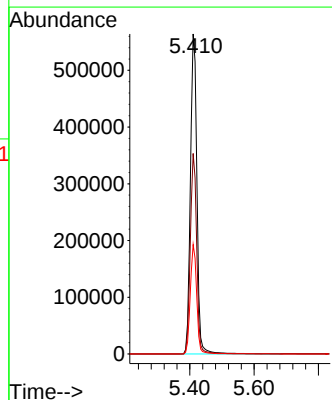
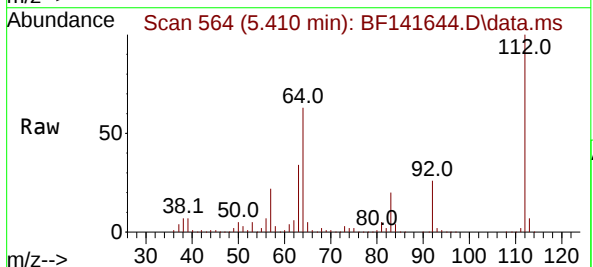
Instrument :  
BNA\_F  
ClientSampleId :  
366

Tgt Ion:152 Resp: 90532  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.0 187.4  
115 64.1 53.6 80.4



#5  
2-Fluorophenol  
Concen: 136.617 ng  
RT: 5.410 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion:112 Resp: 788920  
Ion Ratio Lower Upper  
112 100  
64 62.6 51.1 76.7  
63 34.2 28.4 42.6

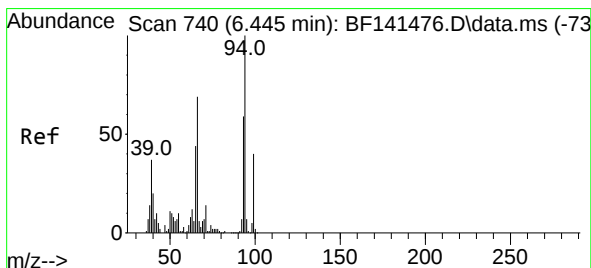
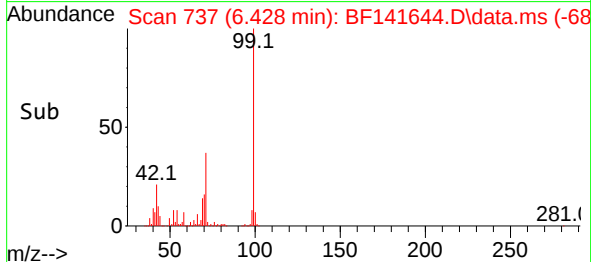
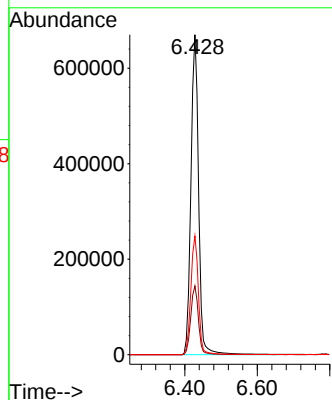
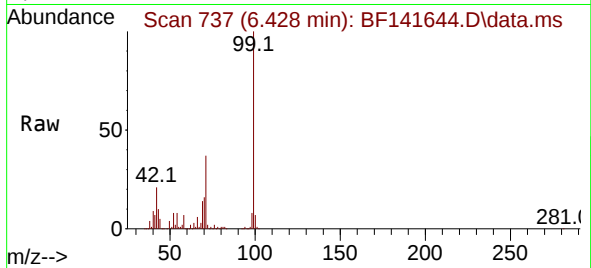




#7  
Phenol-d6  
Concen: 134.730 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

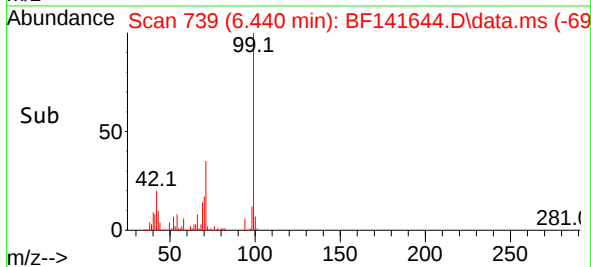
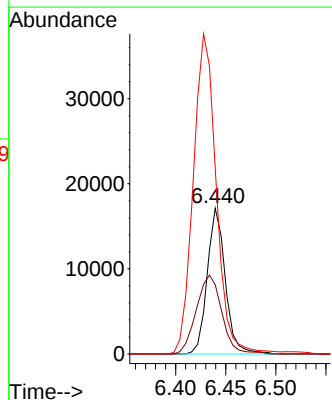
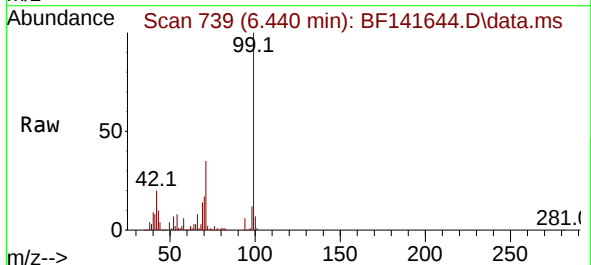
Instrument :  
BNA\_F  
ClientSampleId :  
366

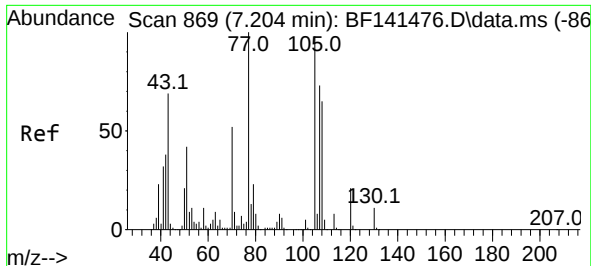
Tgt Ion: 99 Resp: 983355  
Ion Ratio Lower Upper  
99 100  
42 21.5 19.1 28.7  
71 37.1 31.1 46.7



#10  
Phenol  
Concen: 2.833 ng  
RT: 6.440 min Scan# 739  
Delta R.T. -0.018 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion: 94 Resp: 21522  
Ion Ratio Lower Upper  
94 100  
65 47.6 23.7 63.7  
66 127.2 49.3 89.3#

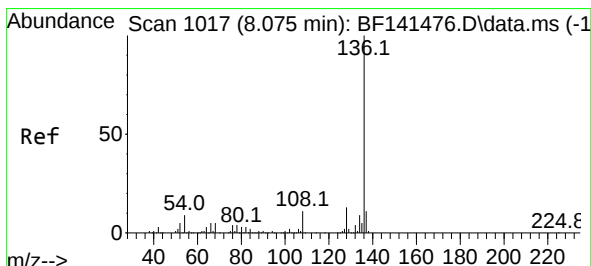
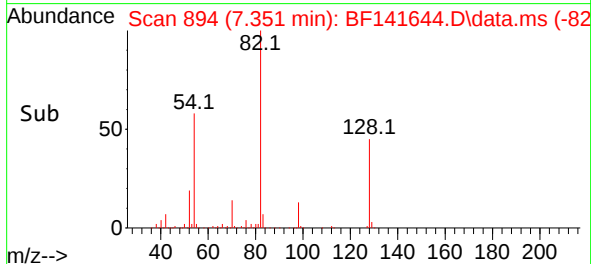
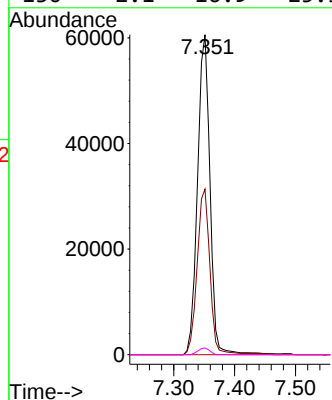
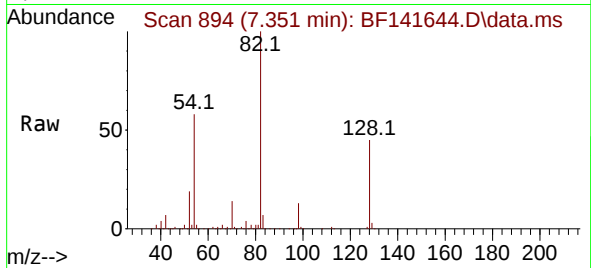




#19  
n-Nitroso-di-n-propylamine  
Concen: 19.804 ng  
RT: 7.351 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

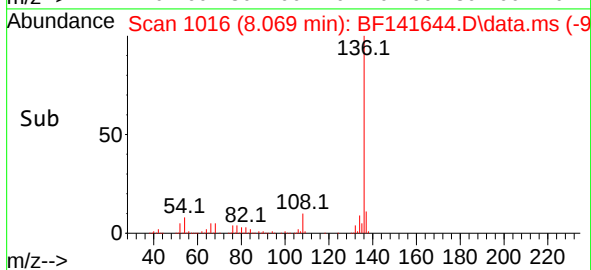
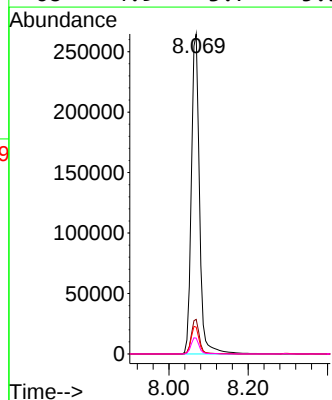
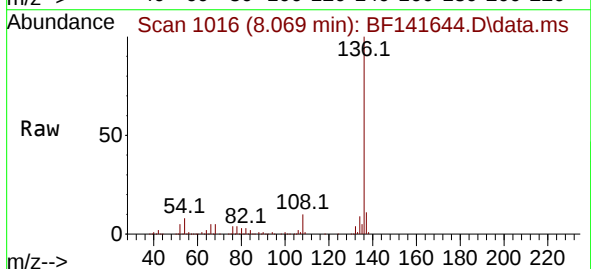
Instrument :  
BNA\_F  
ClientSampleId :  
366

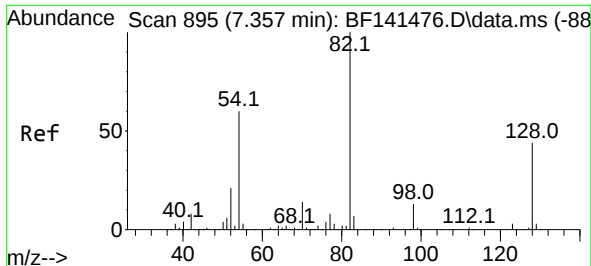
Tgt Ion: 70 Resp: 86460  
Ion Ratio Lower Upper  
70 100  
42 51.7 57.4 86.2#  
101 0.0 8.0 12.0#  
130 2.1 16.9 25.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion: 136 Resp: 377893  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.4 7.2 10.8  
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.050 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141644.D

Acq: 14 Feb 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

366

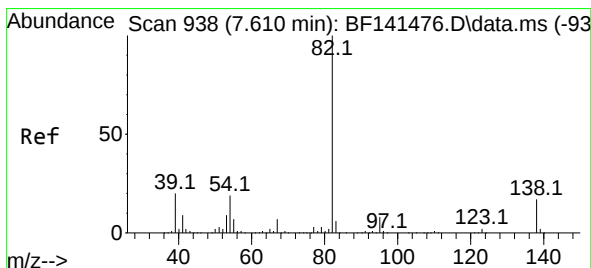
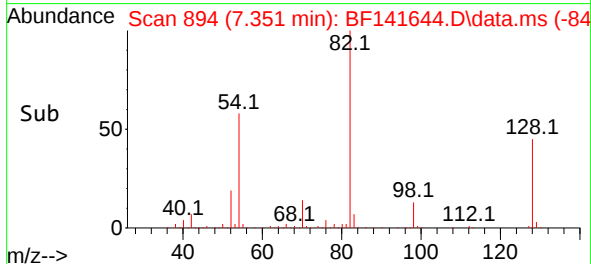
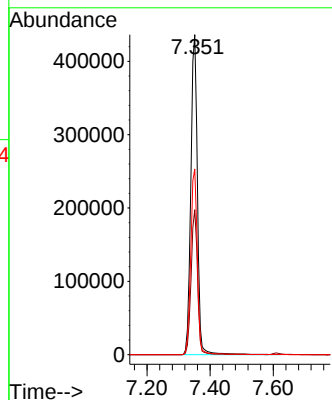
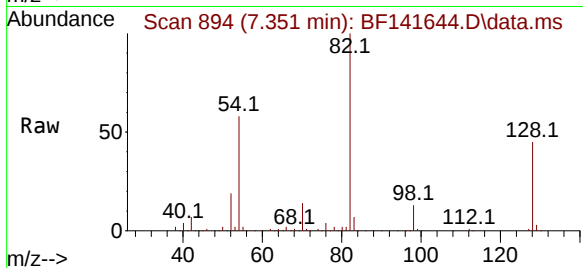
Tgt Ion: 82 Resp: 630685

Ion Ratio Lower Upper

82 100

128 45.3 34.8 52.2

54 58.0 48.2 72.4



#25

Isophorone

Concen: 53.001 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.270 min

Lab File: BF141644.D

Acq: 14 Feb 2025 17:22

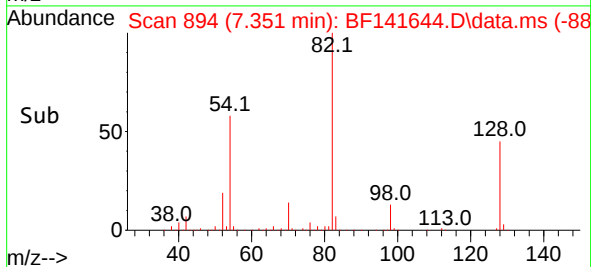
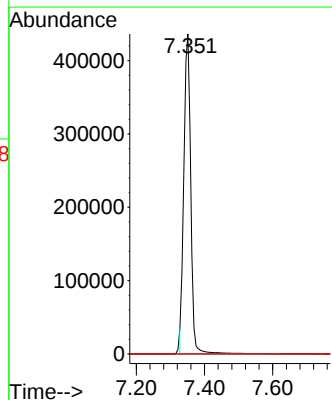
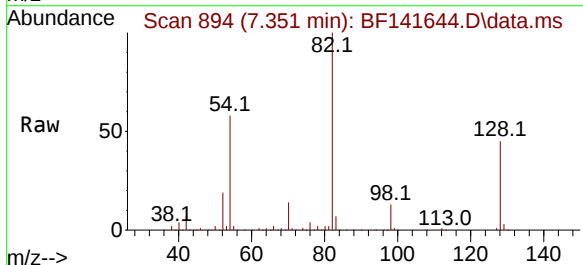
Tgt Ion: 82 Resp: 612272

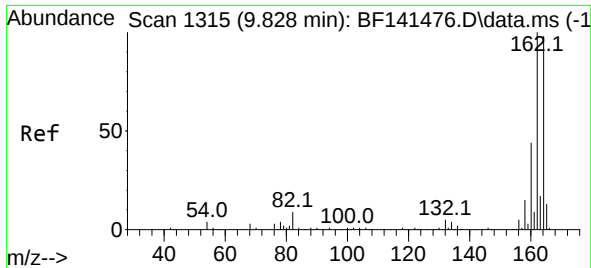
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 13.9 20.9#

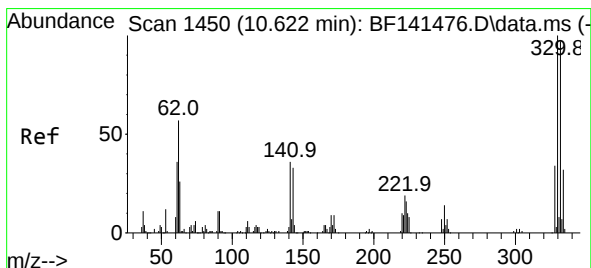
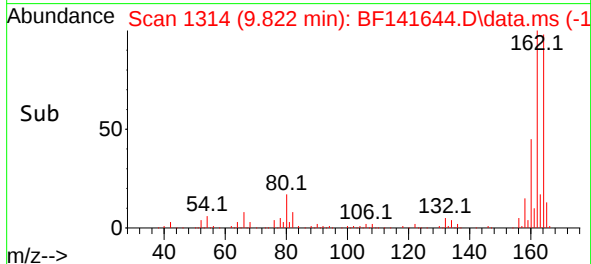
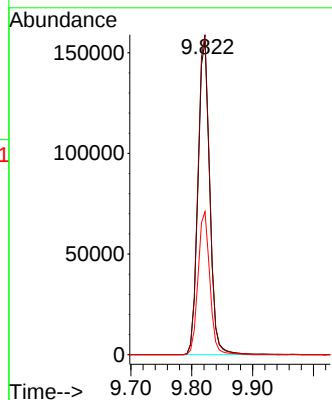
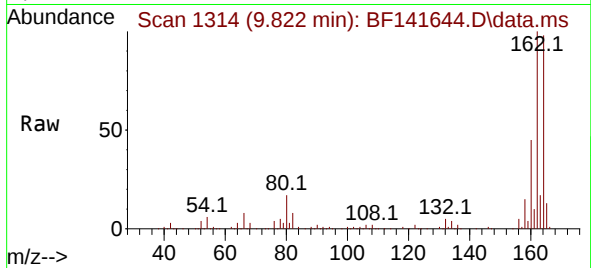




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

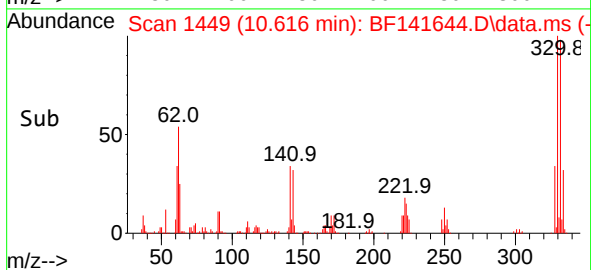
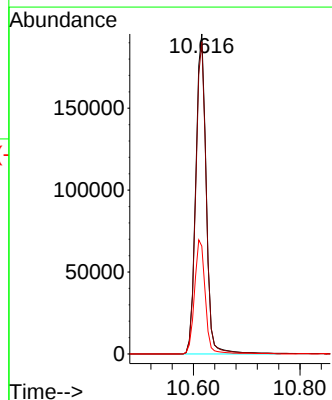
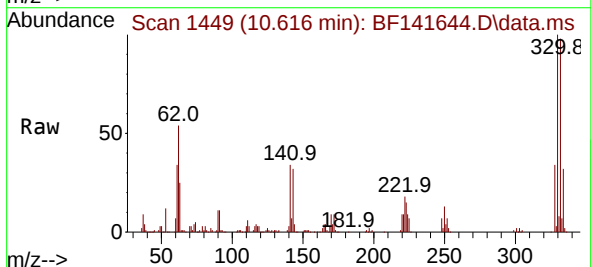
Instrument :  
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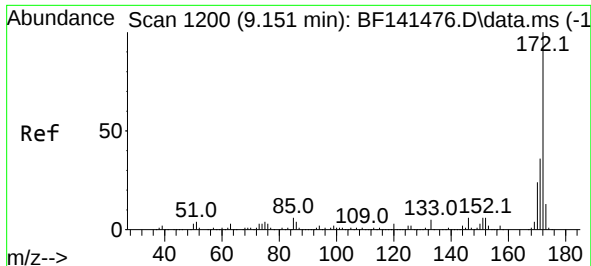
Tgt Ion:164 Resp: 209045  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.3 121.9  
160 45.6 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 126.910 ng  
RT: 10.616 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion:330 Resp: 266504  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.5 117.7  
141 36.9 31.0 46.4

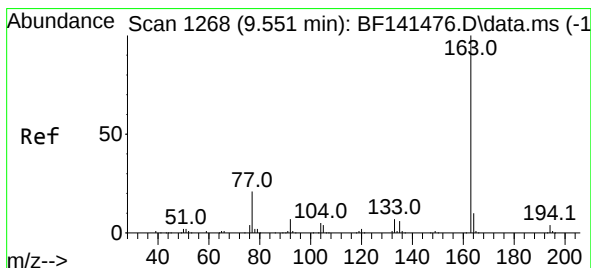
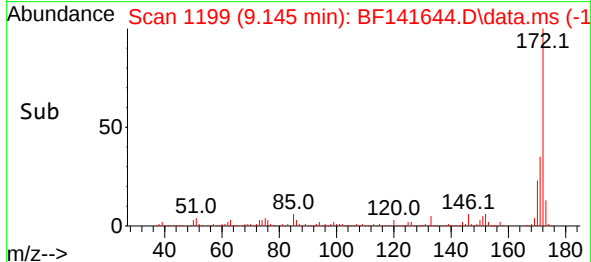
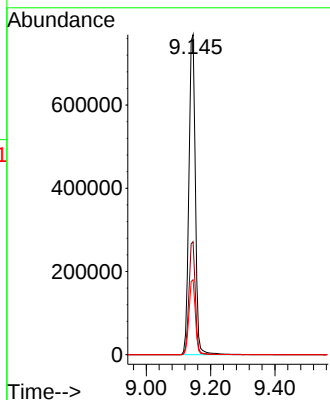
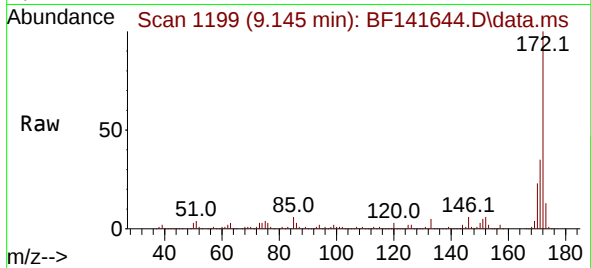




#45  
2-Fluorobiphenyl  
Concen: 78.743 ng  
RT: 9.145 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

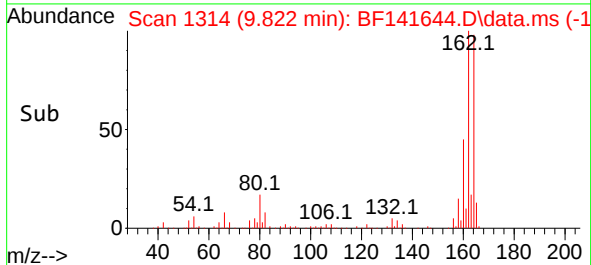
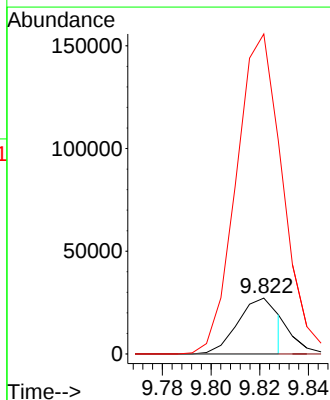
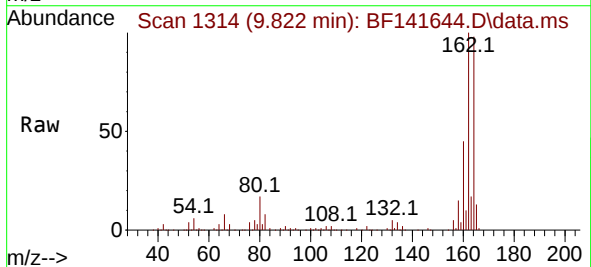
Instrument :  
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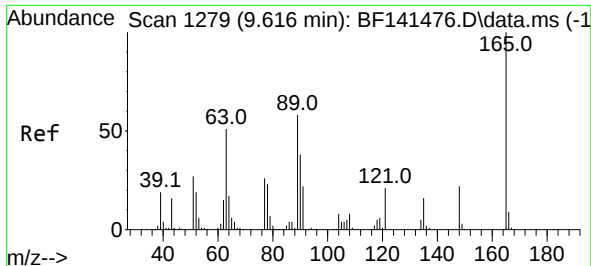
Tgt Ion:172 Resp: 1068433  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.7 43.1  
170 23.4 18.9 28.3



#50  
Dimethylphthalate  
Concen: 2.207 ng  
RT: 9.822 min Scan# 1314  
Delta R.T. 0.259 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion:163 Resp: 31324  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.4#  
164 573.5 7.9 11.9#





#51

2,6-Dinitrotoluene

Concen: 8.764 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141644.D

Acq: 14 Feb 2025 17:22

Instrument :

BNA\_F

ClientSampleId :

366

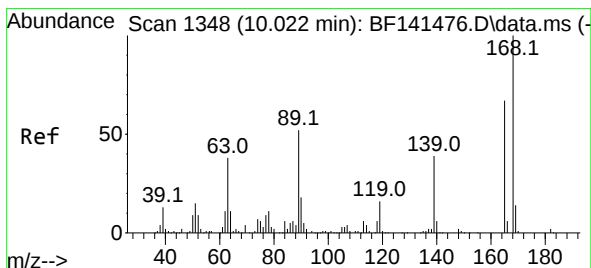
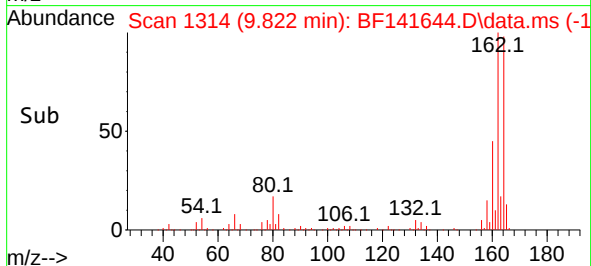
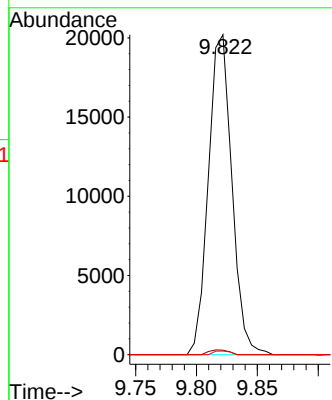
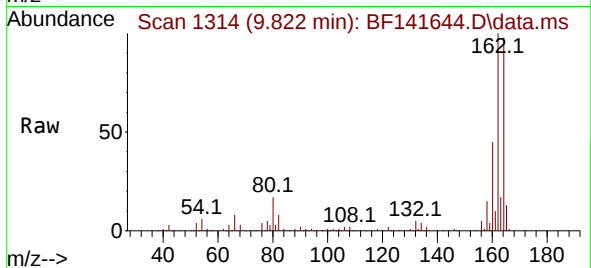
Tgt Ion:165 Resp: 27190

Ion Ratio Lower Upper

165 100

63 1.4 49.4 74.0#

89 1.2 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.584 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF141644.D

Acq: 14 Feb 2025 17:22

Tgt Ion:165 Resp: 27190

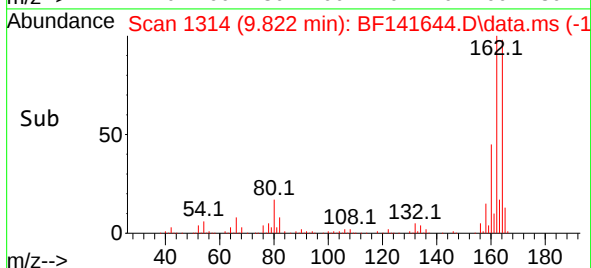
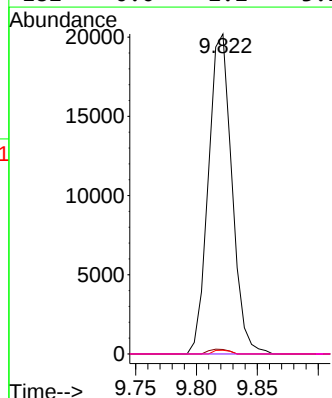
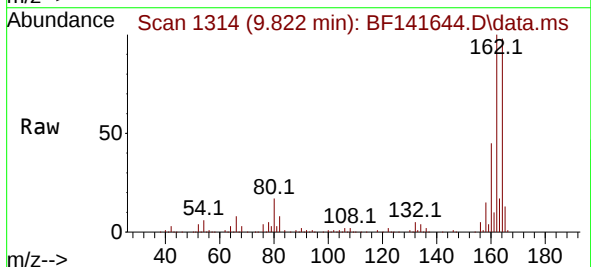
Ion Ratio Lower Upper

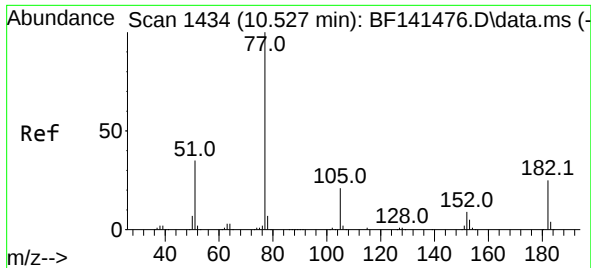
165 100

63 1.4 46.4 69.6#

89 1.2 61.8 92.6#

182 0.0 2.2 3.2#

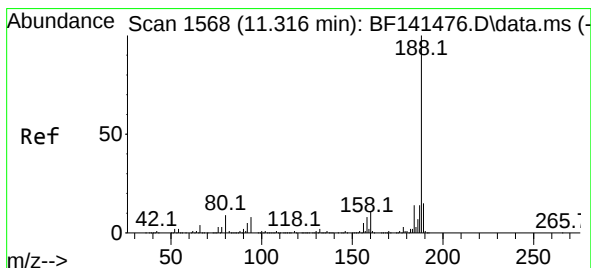
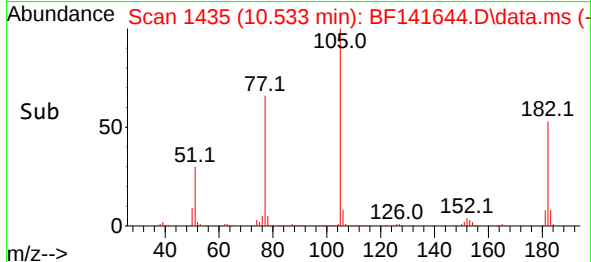
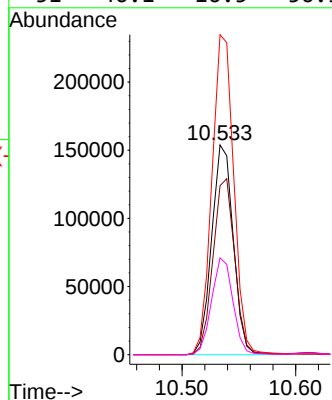
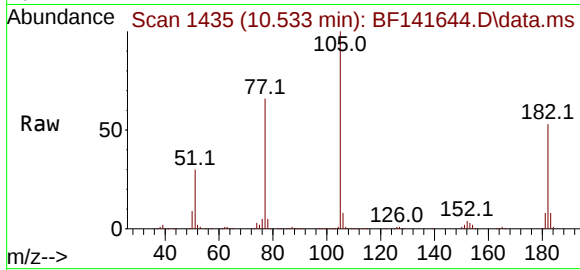




#63  
Azobenzene  
Concen: 14.673 ng  
RT: 10.533 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

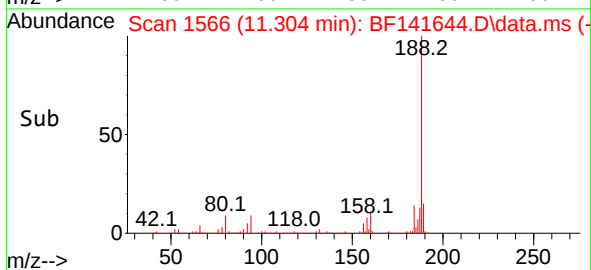
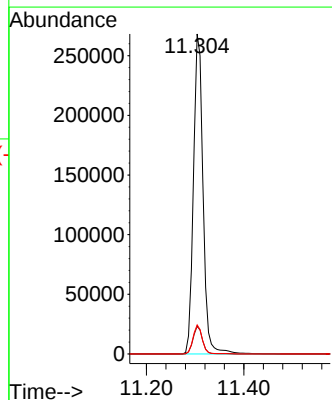
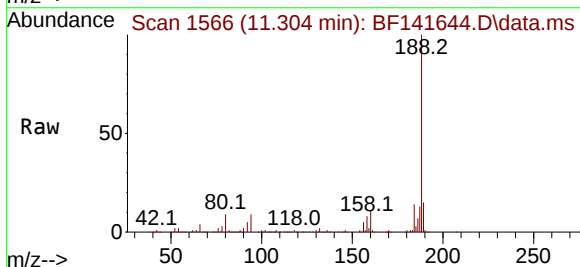
Instrument :  
BNA\_F  
ClientSampleId :  
366

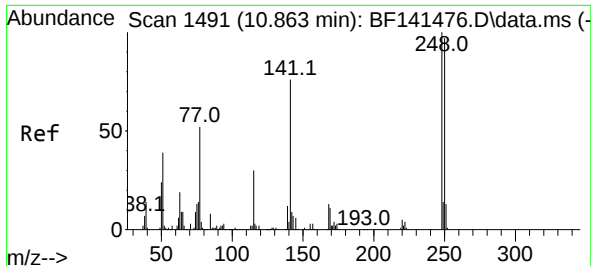
Tgt Ion: 77 Resp: 203675  
Ion Ratio Lower Upper  
77 100  
182 80.5 4.7 44.7#  
105 152.5 0.4 40.4#  
51 46.1 16.5 56.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1566  
Delta R.T. -0.012 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion:188 Resp: 367909  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.6 10.0  
80 9.1 7.3 10.9

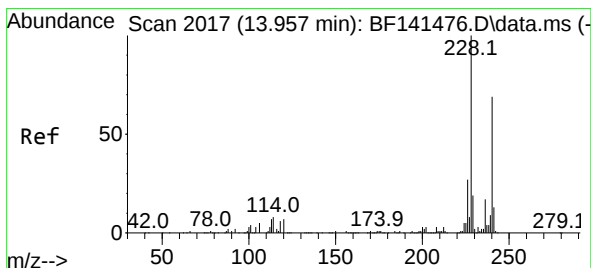
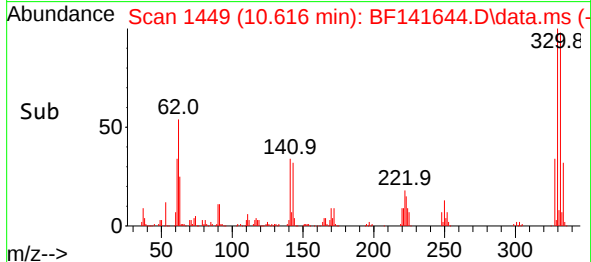
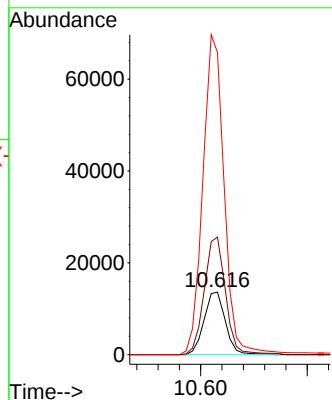
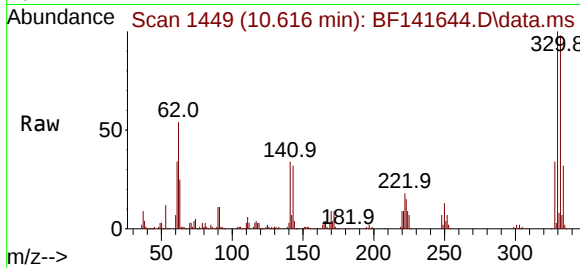




#67  
4-Bromophenyl-phenylether  
Concen: 4.618 ng  
RT: 10.616 min Scan# 1491  
Delta R.T. -0.247 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

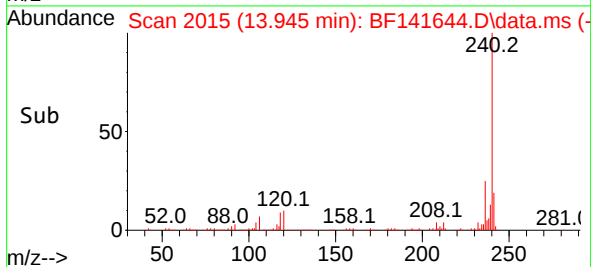
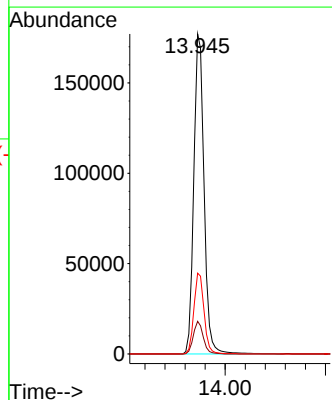
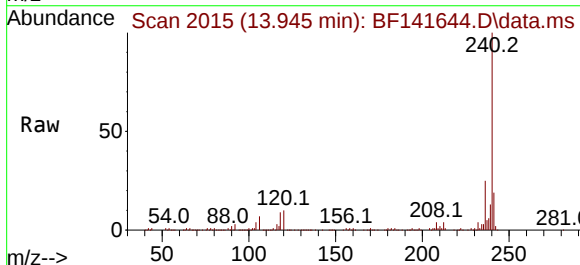
Instrument :  
BNA\_F  
ClientSampleId :  
366

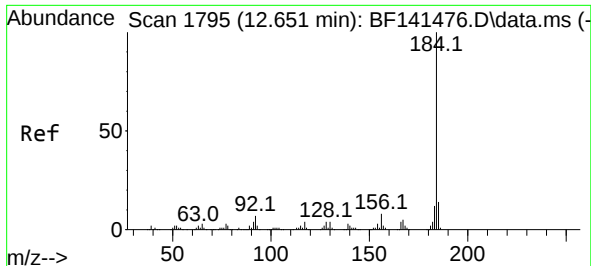
Tgt Ion:248 Resp: 18988  
Ion Ratio Lower Upper  
248 100  
250 187.9 77.8 116.6#  
141 483.0 60.6 90.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2015  
Delta R.T. -0.018 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

Tgt Ion:240 Resp: 250849  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.0 12.0  
236 25.2 19.8 29.8





#77  
Benzidine  
Concen: 2.831 ng  
RT: 12.892 min Scan# 1836  
Delta R.T. 0.235 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

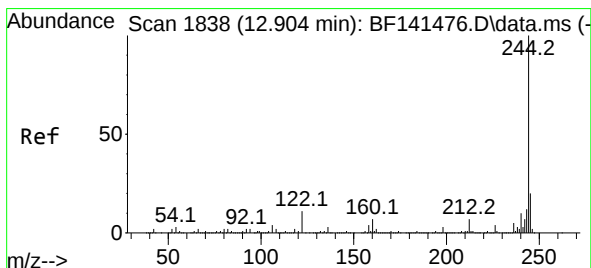
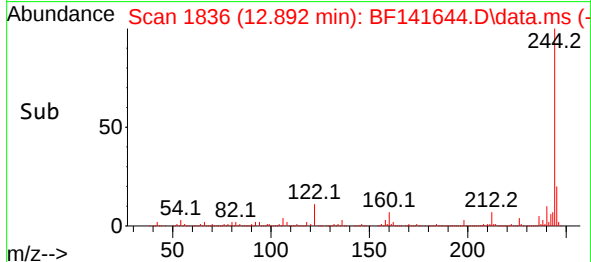
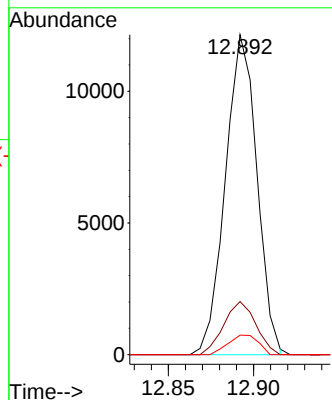
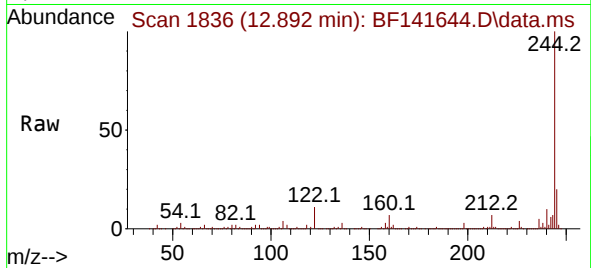
Instrument :

BNA\_F

ClientSampleId :

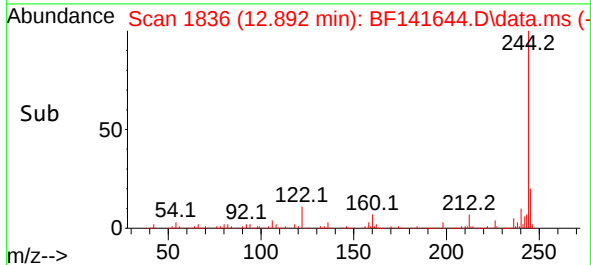
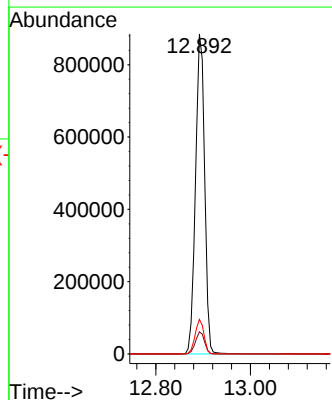
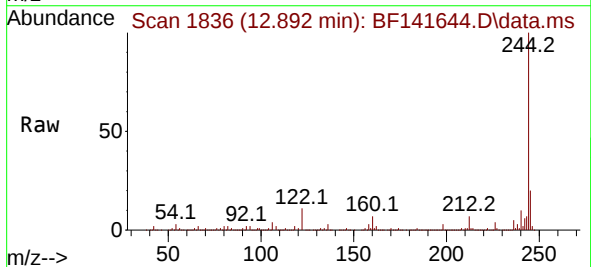
366

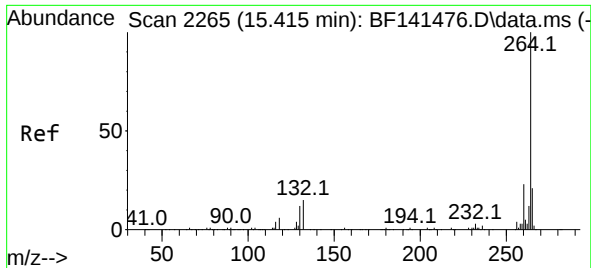
Tgt Ion:184 Resp: 15662  
Ion Ratio Lower Upper  
184 100  
185 16.6 11.3 16.9  
183 6.1 9.3 13.9#



#79  
Terphenyl-d14  
Concen: 79.488 ng  
RT: 12.892 min Scan# 1836  
Delta R.T. -0.012 min  
Lab File: BF141644.D  
Acq: 14 Feb 2025 17:22

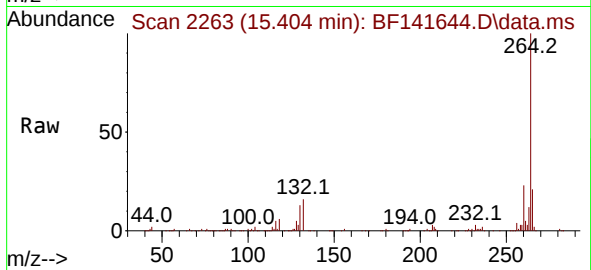
Tgt Ion:244 Resp: 1181132  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.6 8.4  
122 10.8 8.4 12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.404 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF141644.D  
 Acq: 14 Feb 2025 17:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 366



Tgt Ion:264 Resp: 182356  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.6 28.0  
 265 21.3 17.0 25.4

