

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
 Data File : BF142104.D  
 Acq On : 26 Mar 2025 18:39  
 Operator : RC/JU  
 Sample : Q1625-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FRAC-TANK-A1291

Quant Time: Mar 27 01:04:05 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

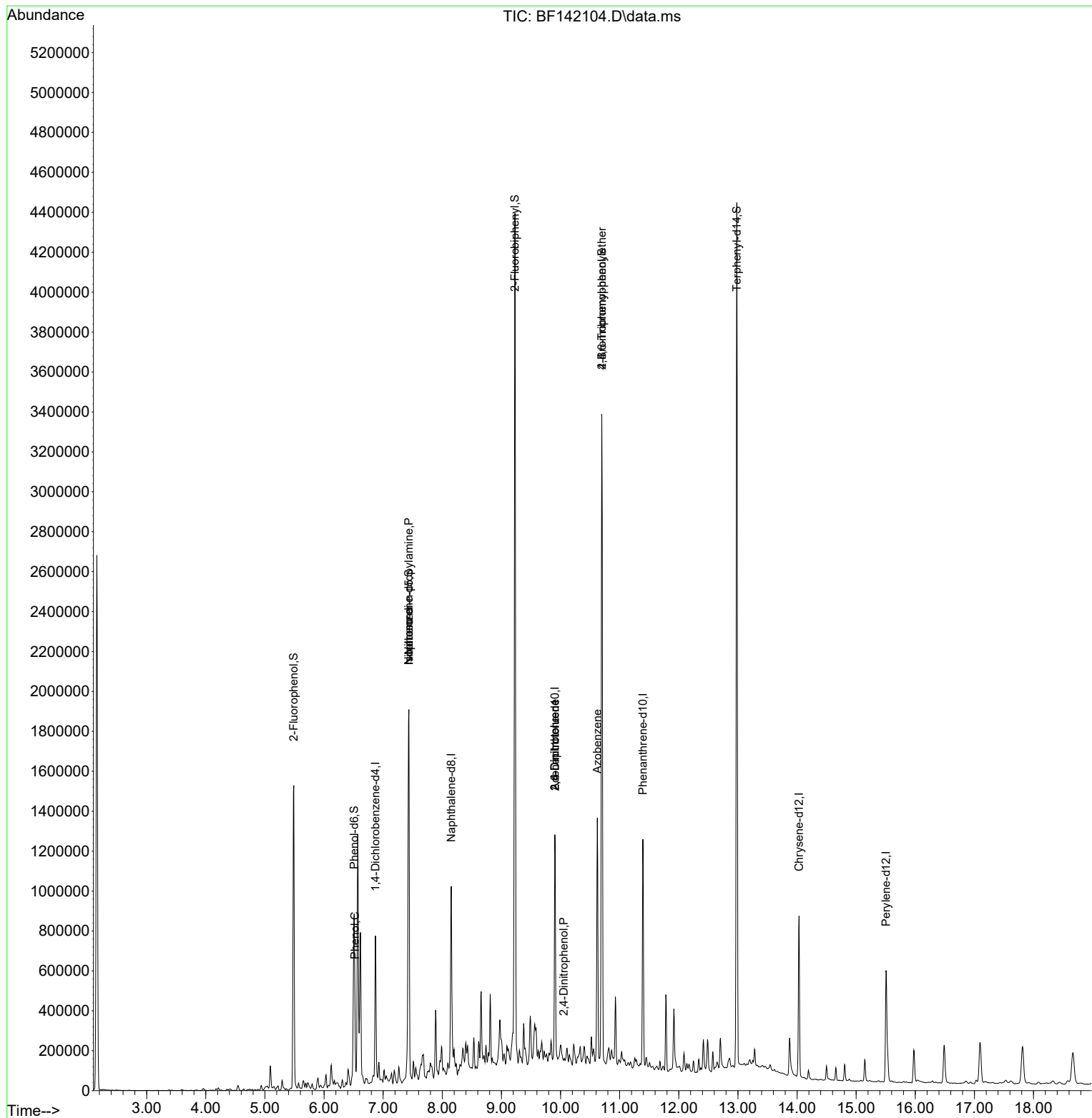
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 145511   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.151  | 136  | 580027   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.904  | 164  | 334514   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 593298   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.033 | 240  | 402170   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 349481   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 623685   | 71.534  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 520895   | 46.924  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 911655   | 88.451  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 647994   | 152.694 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1926954  | 87.606  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.980 | 244  | 2196674  | 80.754  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 10) Phenol                    | 6.522  | 94   | 28052    | 2.402   | ng    | # 66     |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 132367   | 18.557  | ng    | # 76     |
| 25) Isophorone                | 7.434  | 82   | 892341   | 48.979  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 48761    | 9.997   | ng    | # 27     |
| 54) 2,4-Dinitrophenol         | 10.051 | 184  | 55       | 6.592   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 48761    | 7.654   | ng    | # 29     |
| 63) Azobenzene                | 10.622 | 77   | 319878   | 14.730  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 39464    | 5.296   | ng    | # 1      |

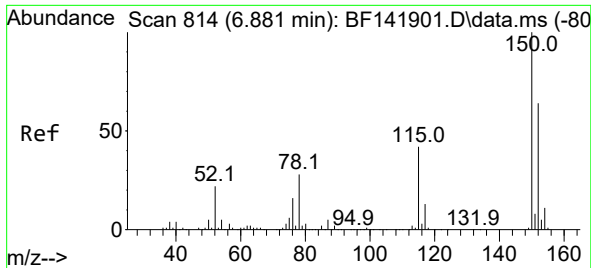
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142104.D  
Acq On : 26 Mar 2025 18:39  
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Sample : Q1625-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
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FRAC-TANK-A1291

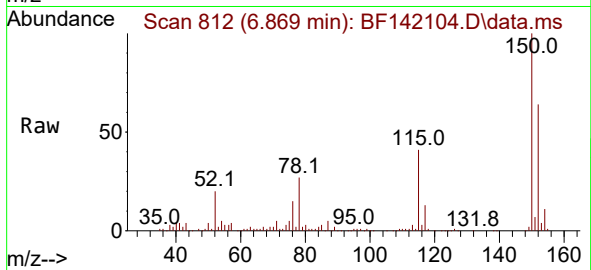
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration



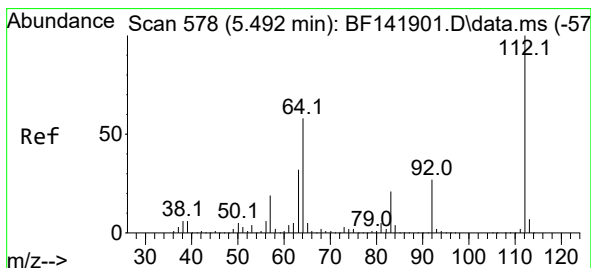
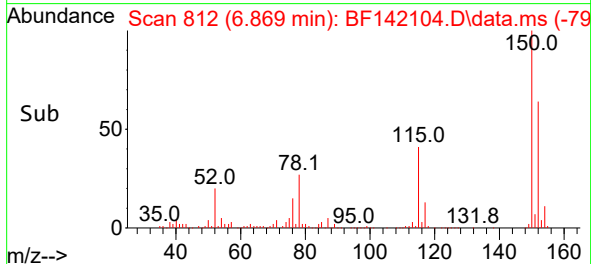
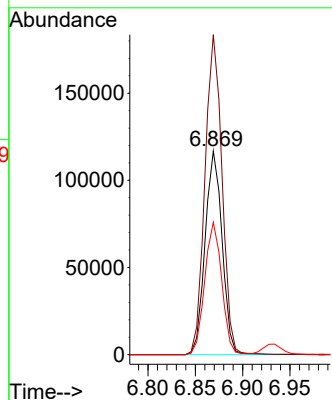


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 814  
Delta R.T. -0.012 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Instrument :  
BNA\_F  
ClientSampleId :  
FRAC-TANK-A1291

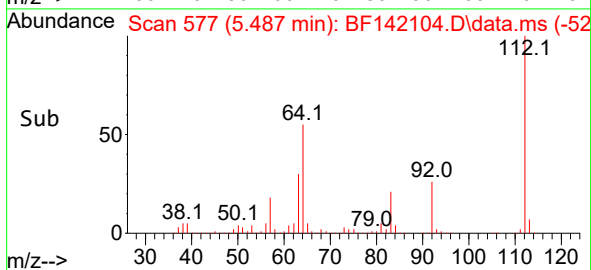
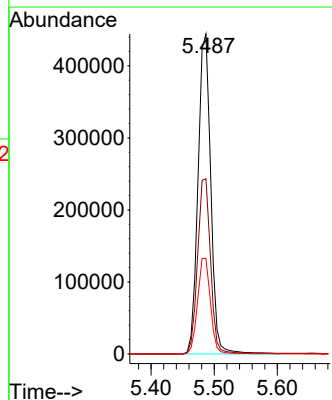
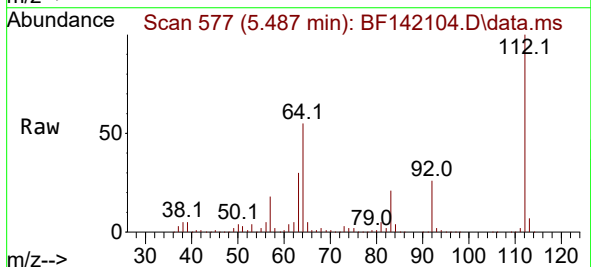


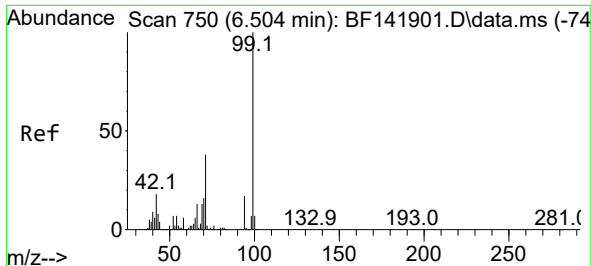
Tgt Ion:152 Resp: 145511  
Ion Ratio Lower Upper  
152 100  
150 157.1 127.4 191.2  
115 64.9 51.9 77.9



#5  
2-Fluorophenol  
Concen: 71.534 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:112 Resp: 623685  
Ion Ratio Lower Upper  
112 100  
64 54.7 46.5 69.7  
63 29.9 25.4 38.2

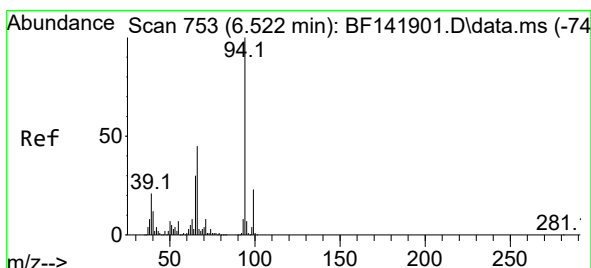
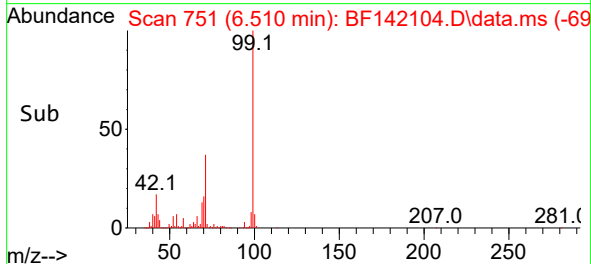
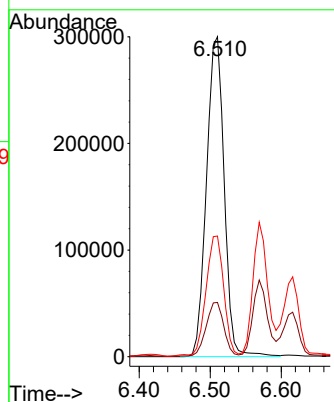
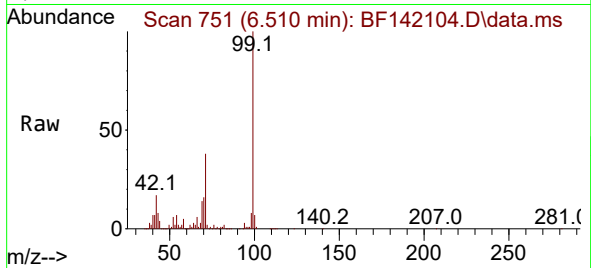




#7  
Phenol-d6  
Concen: 46.924 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

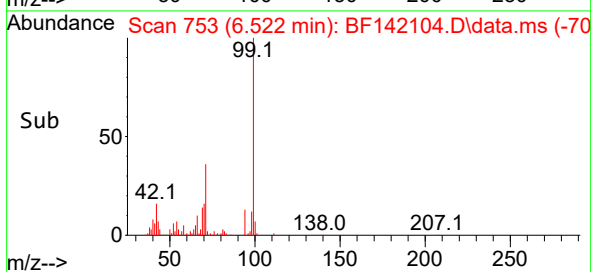
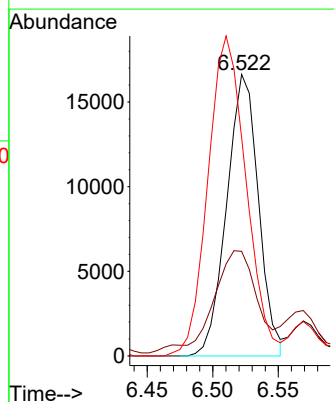
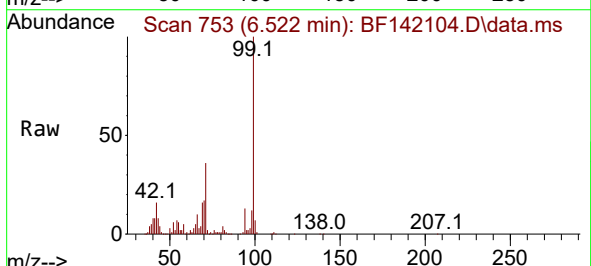
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ClientSampleId :  
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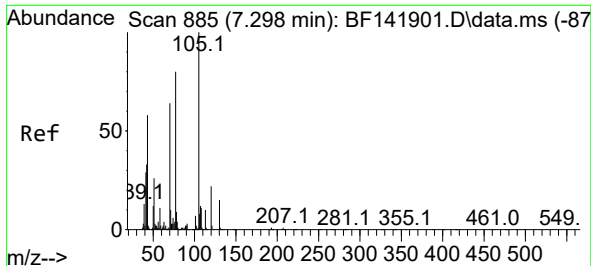
Tgt Ion: 99 Resp: 520895  
Ion Ratio Lower Upper  
99 100  
42 16.9 14.6 21.8  
71 37.7 30.8 46.2



#10  
Phenol  
Concen: 2.402 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion: 94 Resp: 28052  
Ion Ratio Lower Upper  
94 100  
65 37.2 10.5 50.5  
66 77.5 25.8 65.8#

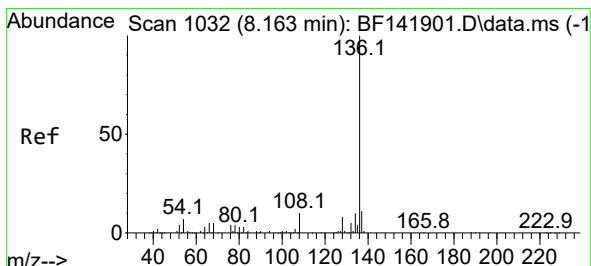
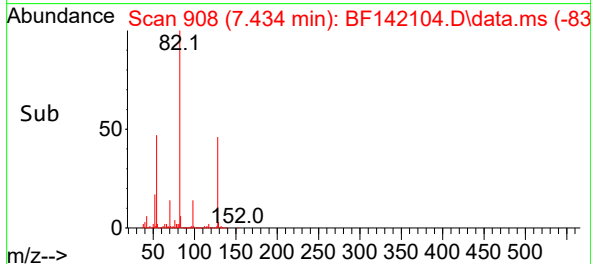
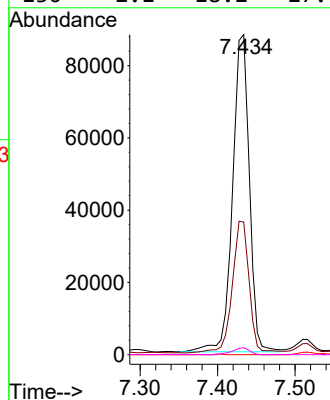
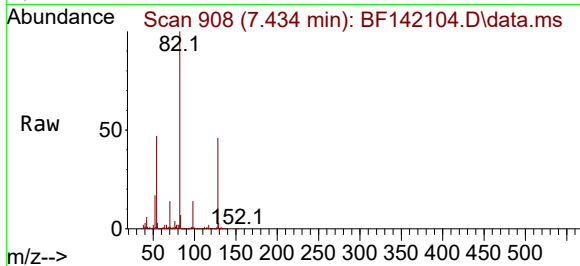




#19  
n-Nitroso-di-n-propylamine  
Concen: 18.557 ng  
RT: 7.434 min Scan# 90  
Delta R.T. 0.135 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

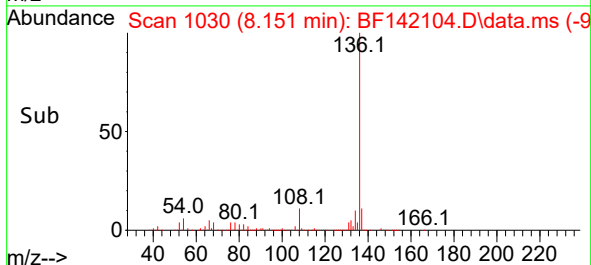
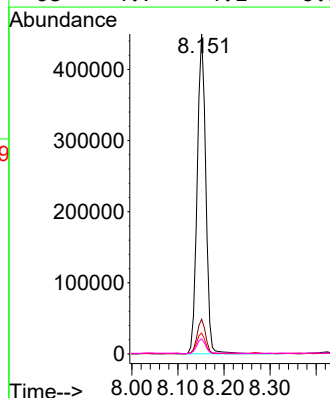
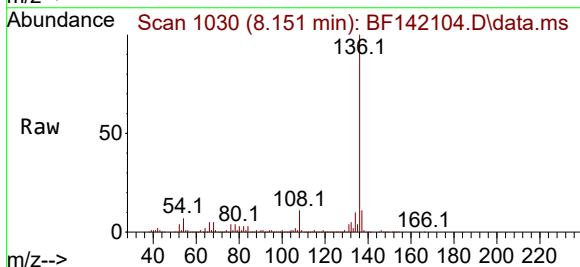
Instrument :  
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ClientSampleId :  
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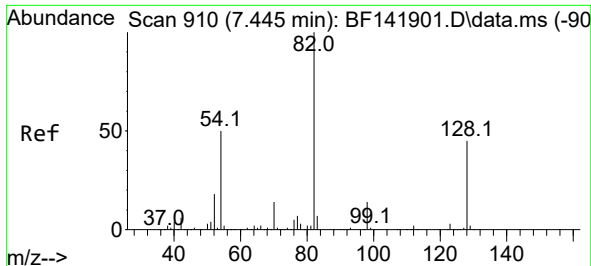
Tgt Ion: 70 Resp: 132367  
Ion Ratio Lower Upper  
70 100  
42 41.4 41.4 62.0  
101 0.0 8.2 12.2#  
130 2.1 18.2 27.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:136 Resp: 580027  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.6 5.8 8.8  
68 4.7 4.1 6.1

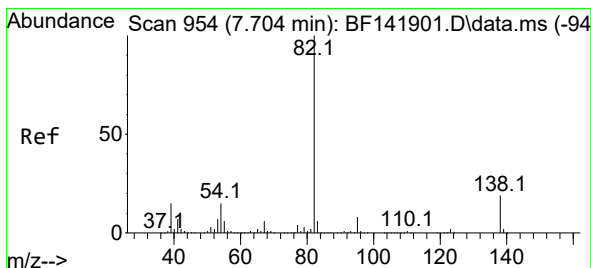
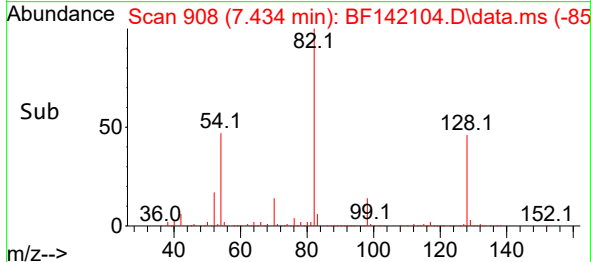
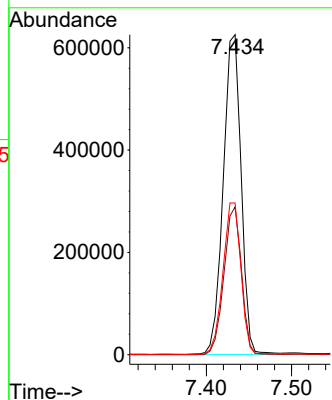
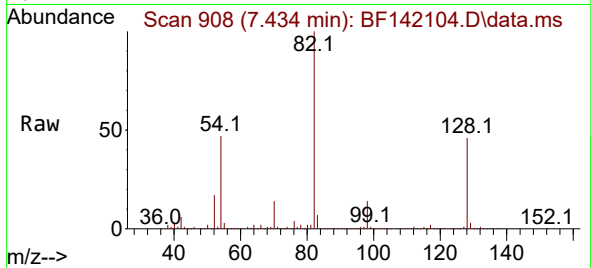




#23  
Nitrobenzene-d5  
Concen: 88.451 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.012 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

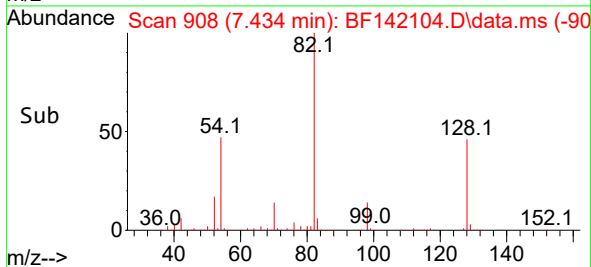
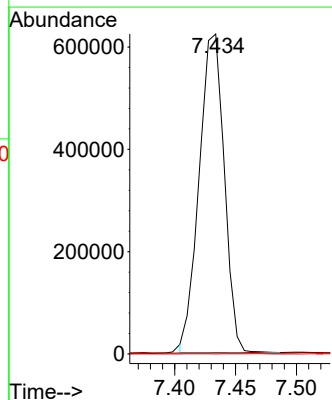
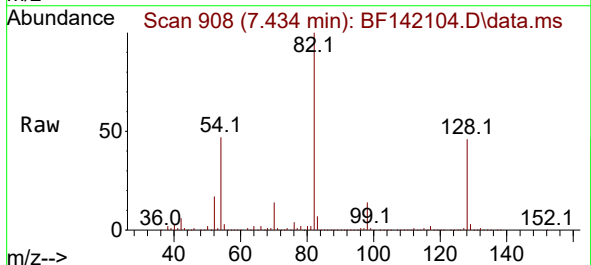
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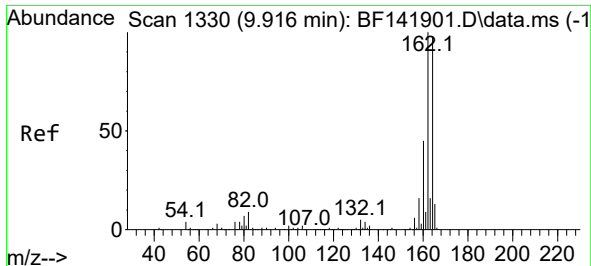
Tgt Ion: 82 Resp: 911655  
Ion Ratio Lower Upper  
82 100  
128 46.1 36.0 54.0  
54 47.4 39.6 59.4



#25  
Isophorone  
Concen: 48.979 ng  
RT: 7.434 min Scan# 908  
Delta R.T. -0.270 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion: 82 Resp: 892341  
Ion Ratio Lower Upper  
82 100  
95 0.3 6.4 9.6#  
138 0.0 14.9 22.3#

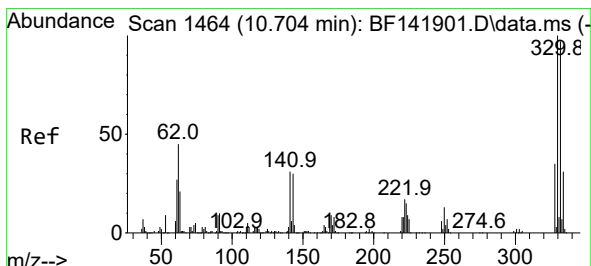
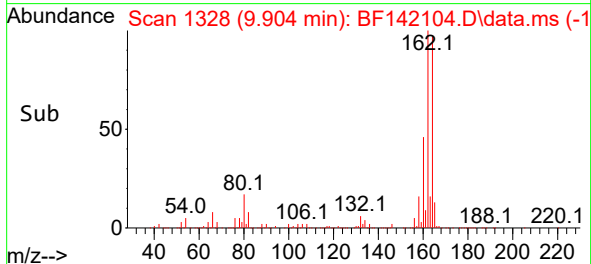
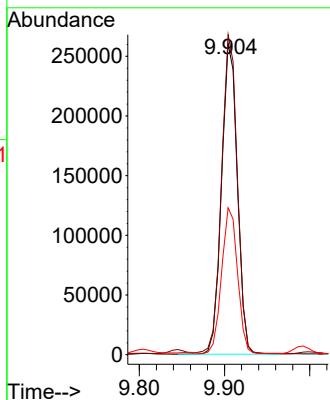
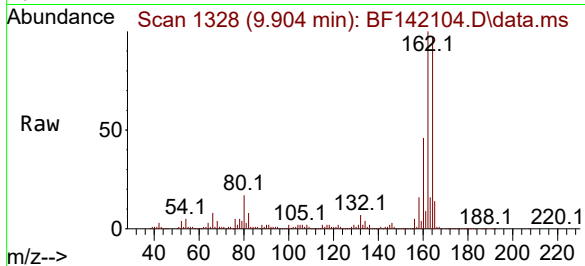




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

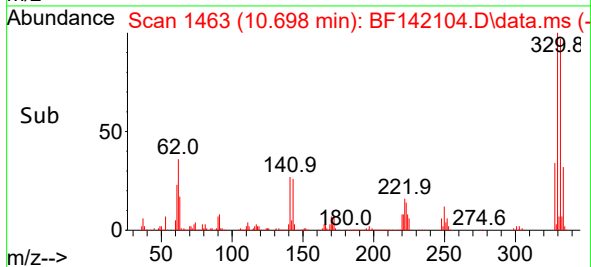
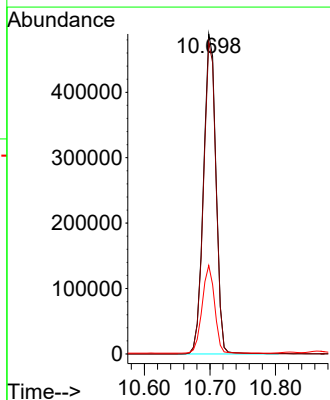
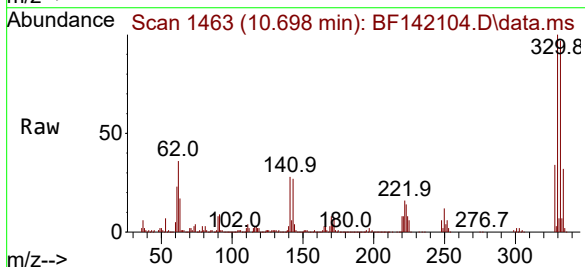
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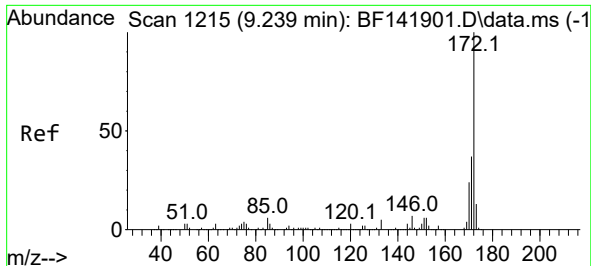
Tgt Ion:164 Resp: 334514  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.8 122.6  
160 47.2 36.7 55.1



#42  
2,4,6-Tribromophenol  
Concen: 152.694 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:330 Resp: 647994  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.6 116.4  
141 27.3 24.7 37.1

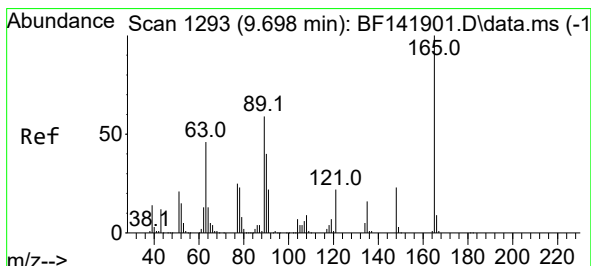
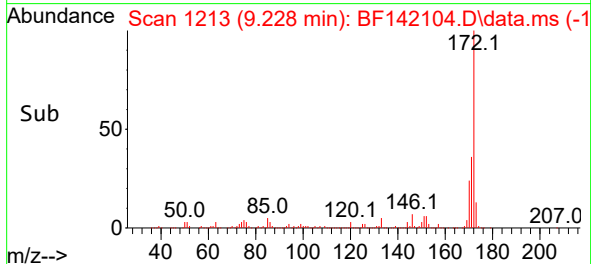
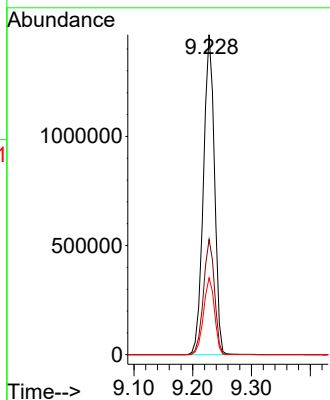
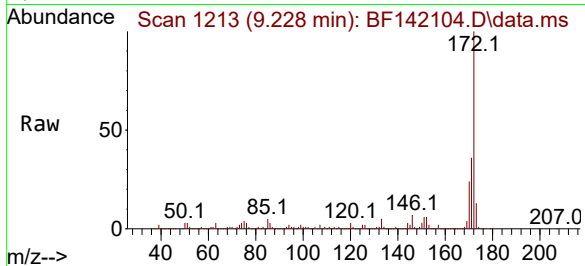




#45  
2-Fluorobiphenyl  
Concen: 87.606 ng  
RT: 9.228 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

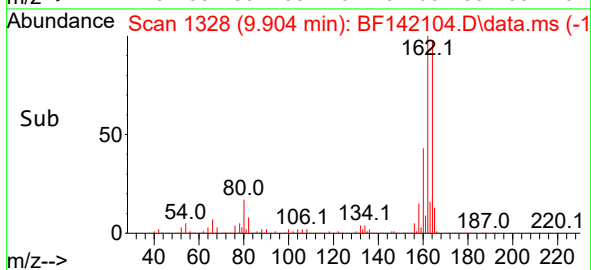
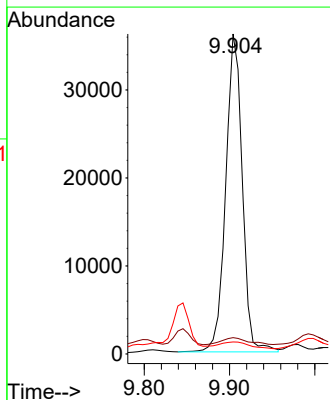
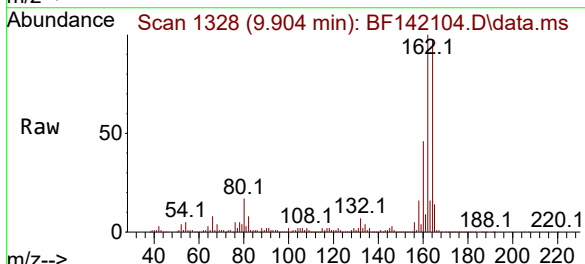
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BNA\_F  
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FRAC-TANK-A1291

Tgt Ion:172 Resp: 1926954  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.3 43.9  
170 24.0 19.4 29.0

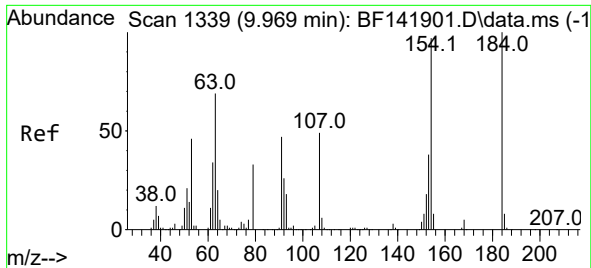


#51  
2,6-Dinitrotoluene  
Concen: 9.997 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. 0.206 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:165 Resp: 48761  
Ion Ratio Lower Upper  
165 100  
63 5.1 47.0 70.4#  
89 3.8 47.4 71.2#



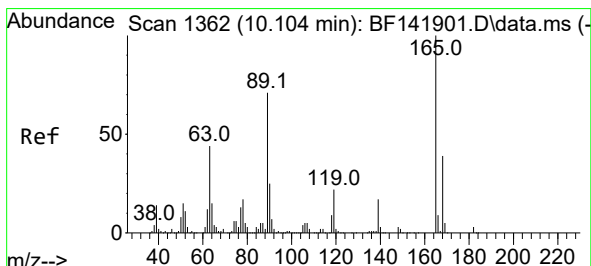
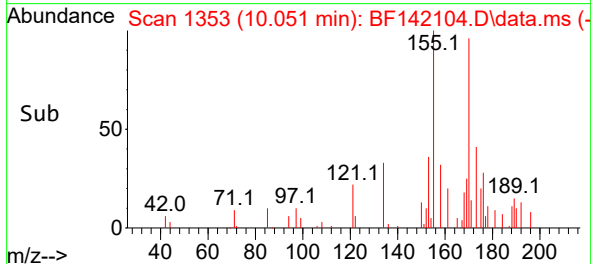
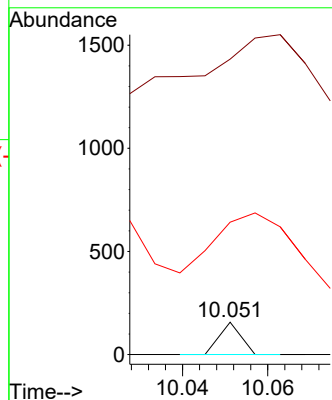
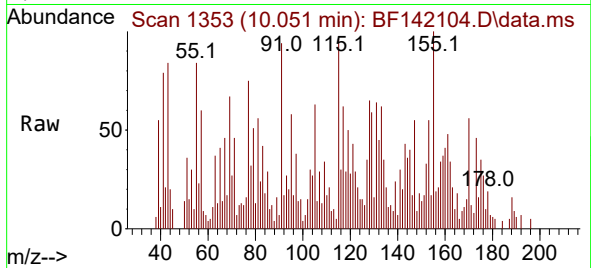




#54  
2,4-Dinitrophenol  
Concen: 6.592 ng  
RT: 10.051 min Scan# 11  
Delta R.T. 0.082 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

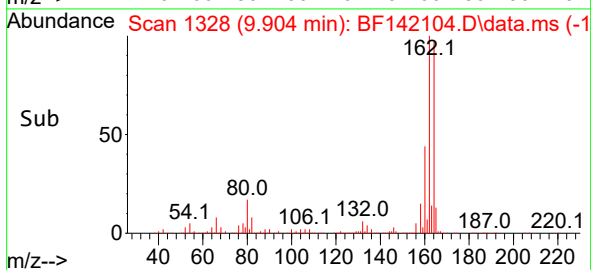
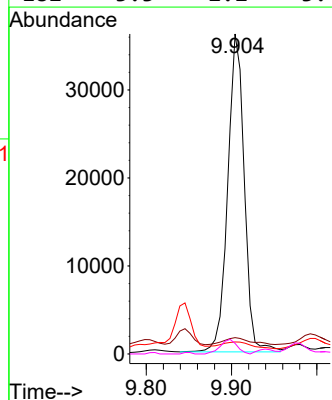
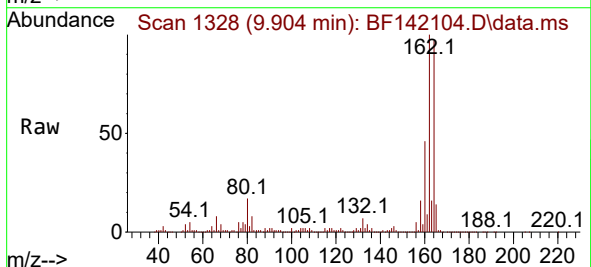
Instrument :  
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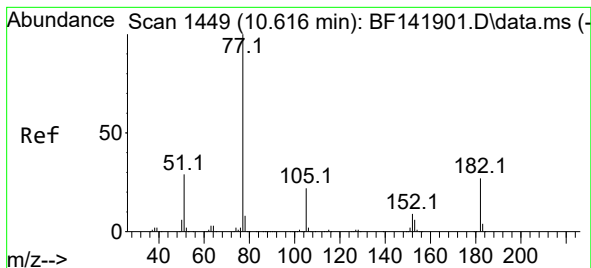
Tgt Ion:184 Resp: 55  
Ion Ratio Lower Upper  
184 100  
63 912.1 60.2 90.4#  
154 408.9 132.9 199.3#



#57  
2,4-Dinitrotoluene  
Concen: 7.654 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.200 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:165 Resp: 48761  
Ion Ratio Lower Upper  
165 100  
63 5.1 35.4 53.2#  
89 3.8 56.6 84.8#  
182 3.3 2.2 3.4





#63

Azobenzene

Concen: 14.730 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-A1291

Tgt Ion: 77 Resp: 319878

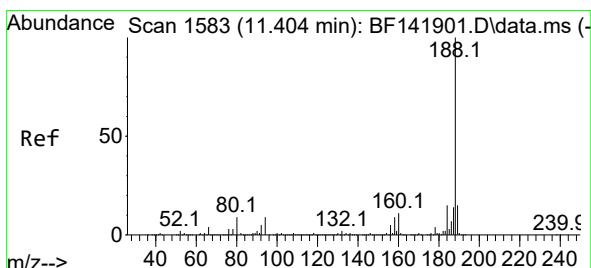
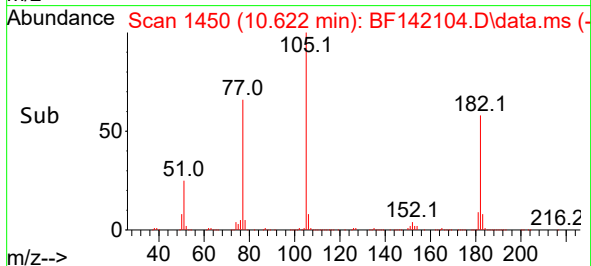
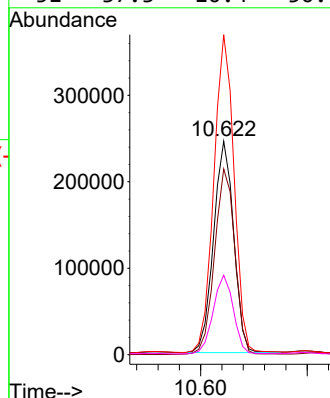
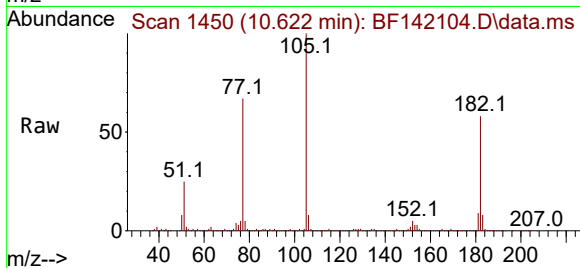
Ion Ratio Lower Upper

77 100

182 87.0 6.6 46.6#

105 149.9 1.3 41.3#

51 37.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

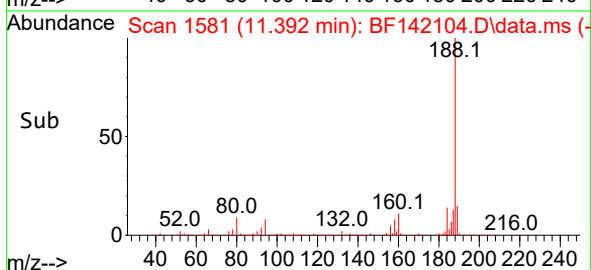
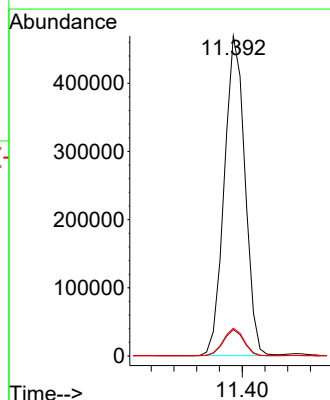
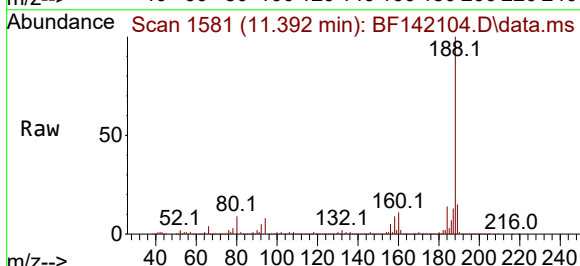
Tgt Ion:188 Resp: 593298

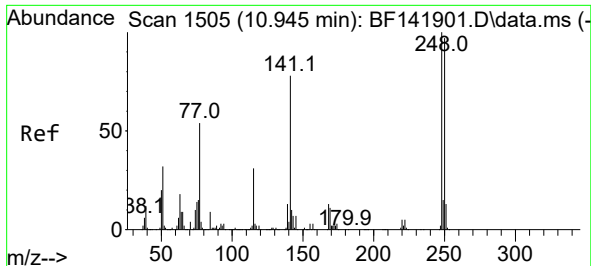
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.7 7.6 11.4

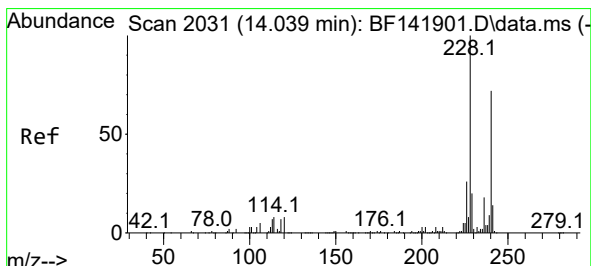
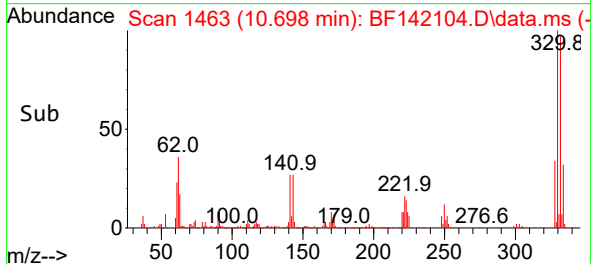
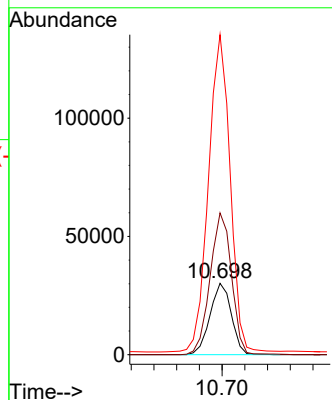
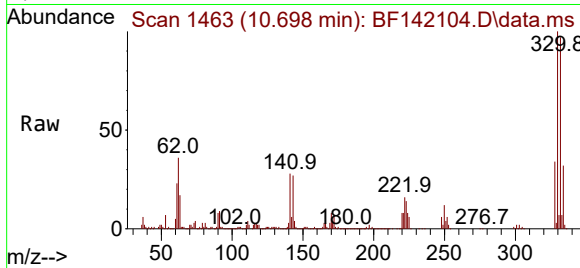




#67  
4-Bromophenyl-phenylether  
Concen: 5.296 ng  
RT: 10.698 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

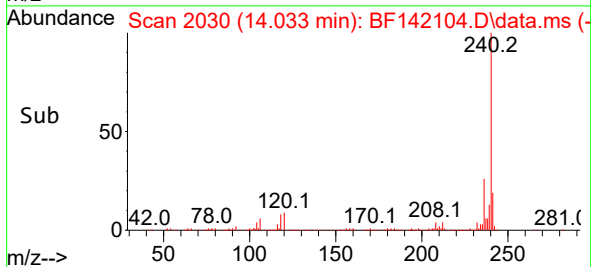
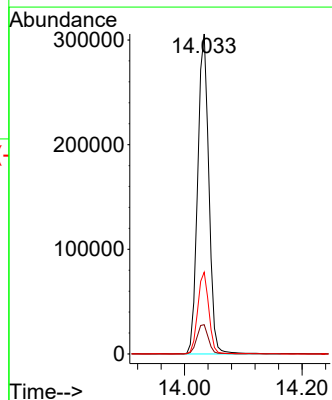
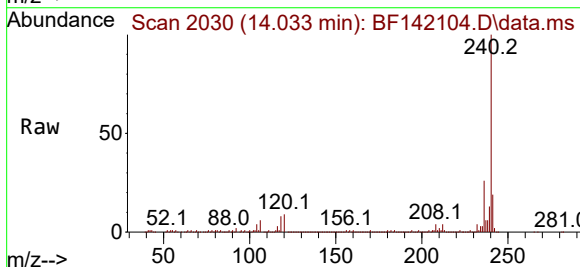
Instrument :  
BNA\_F  
ClientSampleId :  
FRAC-TANK-A1291

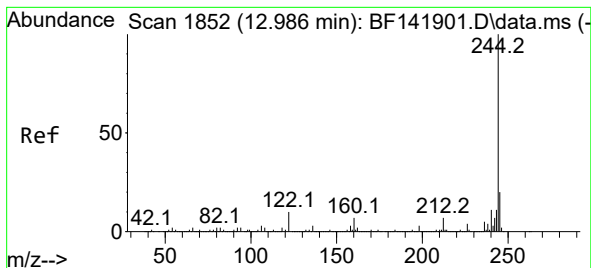
Tgt Ion:248 Resp: 39464  
Ion Ratio Lower Upper  
248 100  
250 198.7 77.8 116.8#  
141 448.4 62.6 93.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF142104.D  
Acq: 26 Mar 2025 18:39

Tgt Ion:240 Resp: 402170  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.4 12.6  
236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 80.754 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Instrument :

BNA\_F

ClientSampleId :

FRAC-TANK-A1291

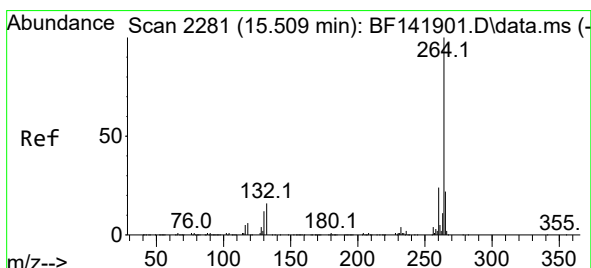
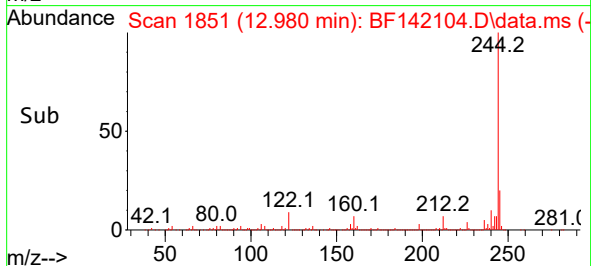
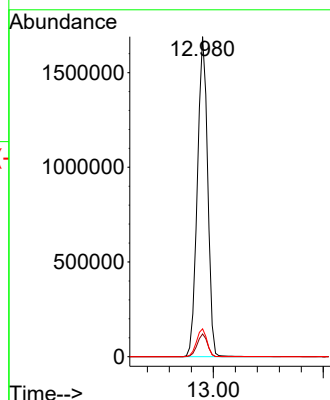
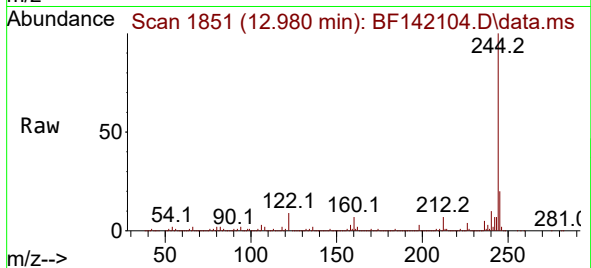
Tgt Ion:244 Resp: 2196674

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF142104.D

Acq: 26 Mar 2025 18:39

Tgt Ion:264 Resp: 349481

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.5 26.3

