

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060625\  
 Data File : BF142642.D  
 Acq On : 06 Jun 2025 12:54  
 Operator : RC/JU  
 Sample : Q2185-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP02-MHB-WC

Quant Time: Jun 06 13:35:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

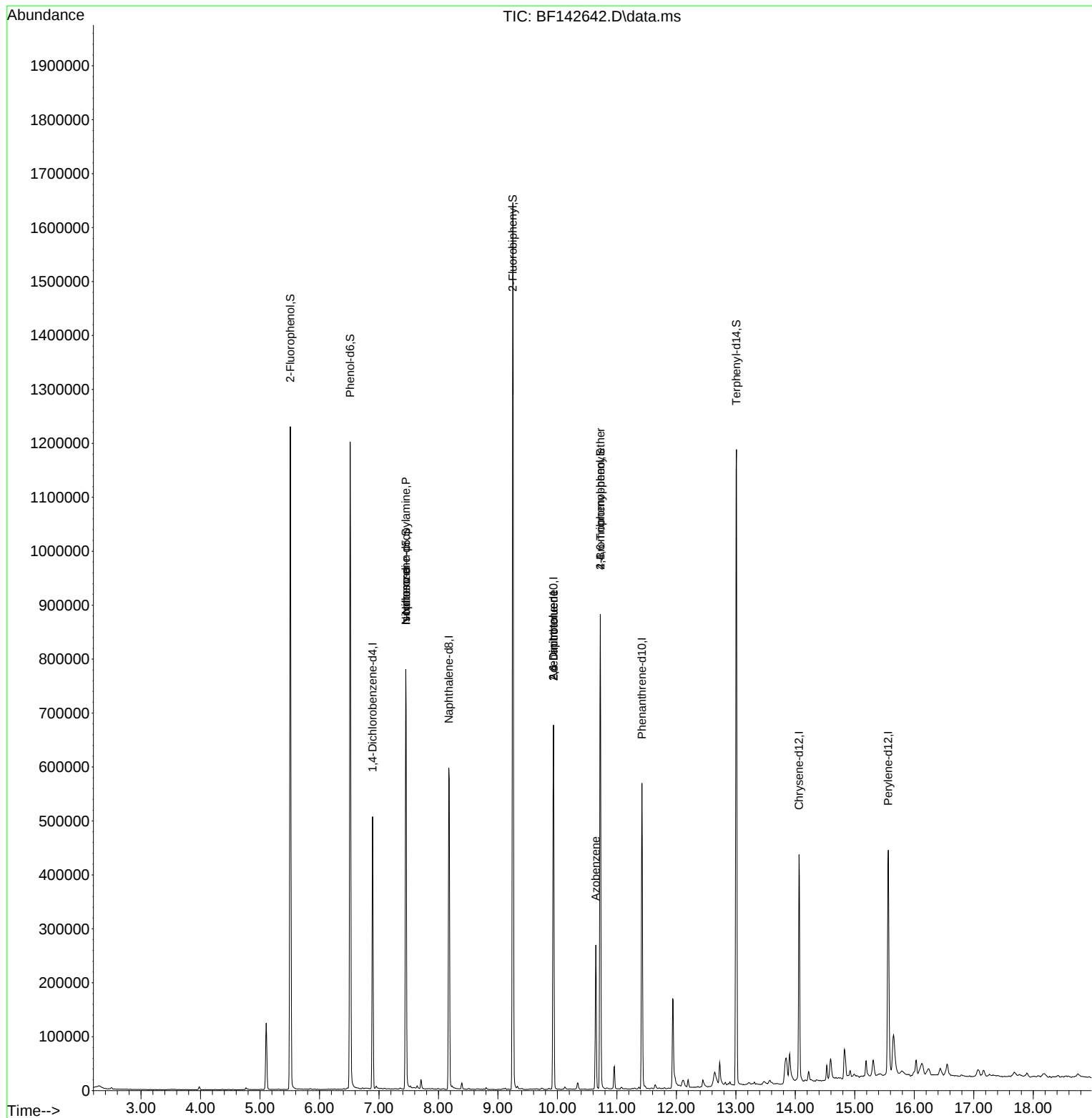
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 108792   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.175  | 136  | 404232   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.933  | 164  | 200133   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.422 | 188  | 306429   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.063 | 240  | 220154   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.563 | 264  | 262773   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 468083   | 72.487 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 563628   | 72.509 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 332003   | 44.785 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 154395   | 69.509 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 742709   | 49.798 | ng    | -0.02    |
| 79) Terphenyl-d14             | 13.010 | 244  | 602042   | 37.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 43978    | 9.129  | ng    | # 76     |
| 25) Isophorone                | 7.451  | 82   | 320651   | 25.871 | ng    | # 63     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 26374    | 9.254  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 26374    | 7.086  | ng    | # 28     |
| 63) Azobenzene                | 10.645 | 77   | 63058    | 5.444  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 9270     | 2.558  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
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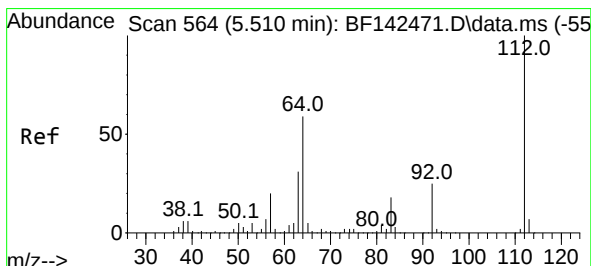
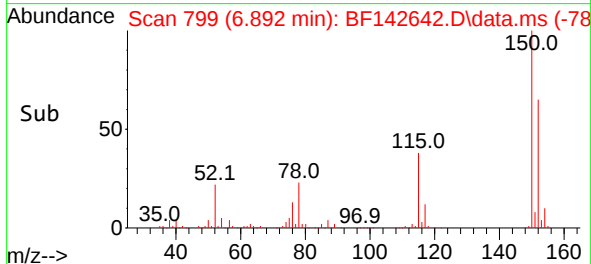
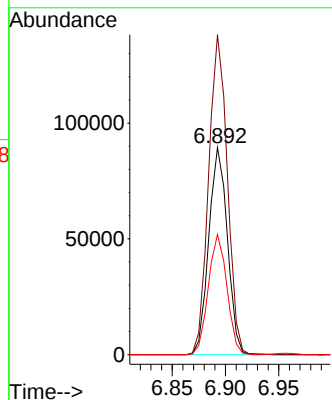
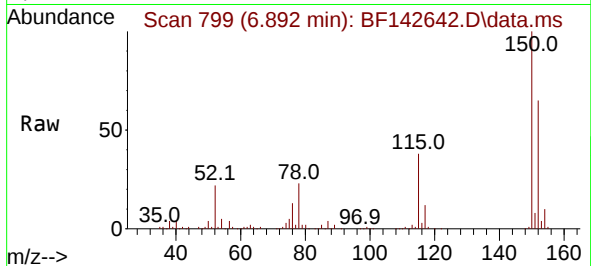




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 79  
Delta R.T. -0.012 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

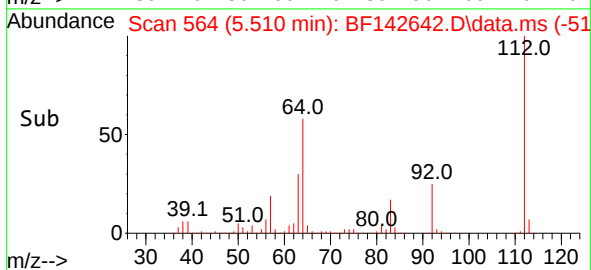
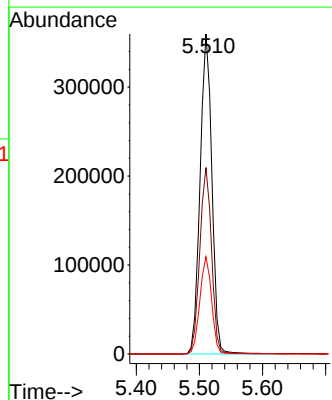
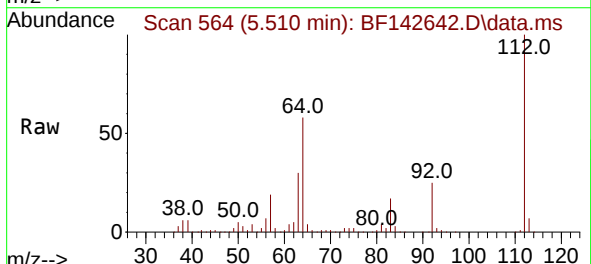
Instrument :  
BNA\_F  
ClientSampleId :  
TP02-MHB-WC

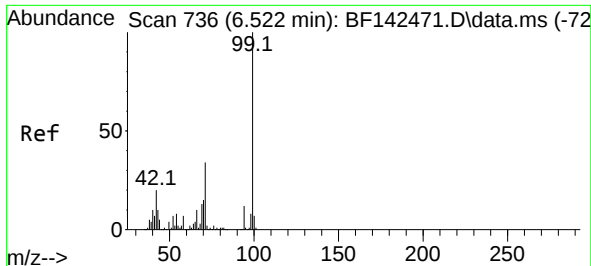
Tgt Ion:152 Resp: 108792  
Ion Ratio Lower Upper  
152 100  
150 154.4 128.2 192.4  
115 58.0 48.3 72.5



#5  
2-Fluorophenol  
Concen: 72.487 ng  
RT: 5.510 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion:112 Resp: 468083  
Ion Ratio Lower Upper  
112 100  
64 58.3 47.5 71.3  
63 30.3 24.9 37.3

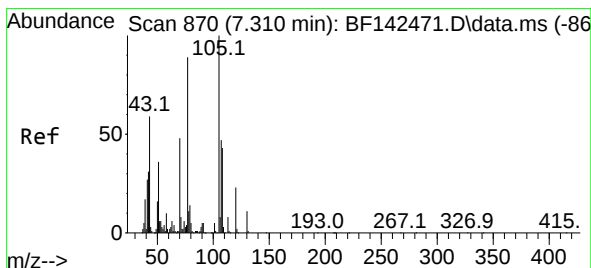
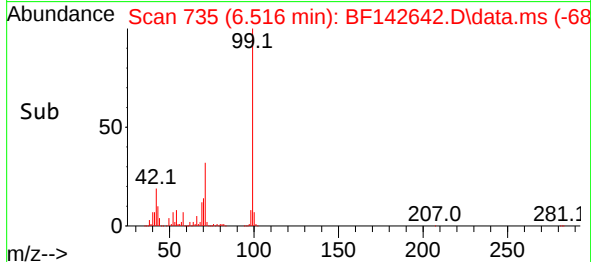
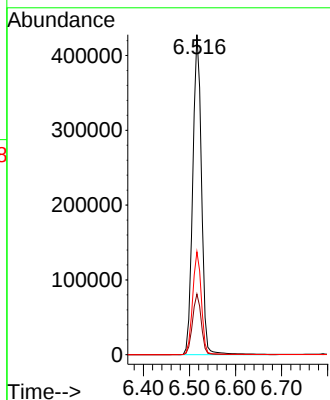
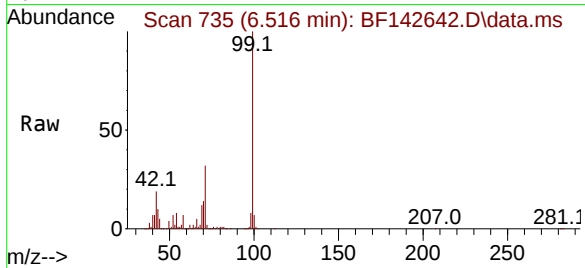




#7  
Phenol-d6  
Concen: 72.509 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

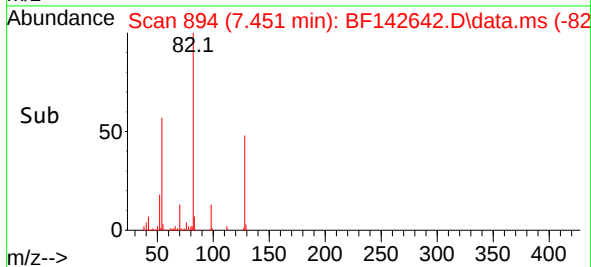
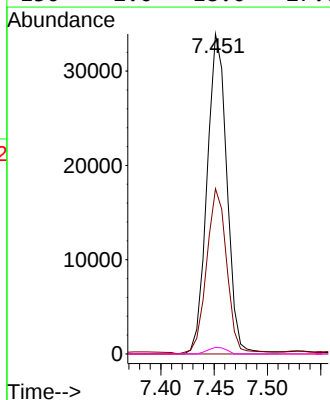
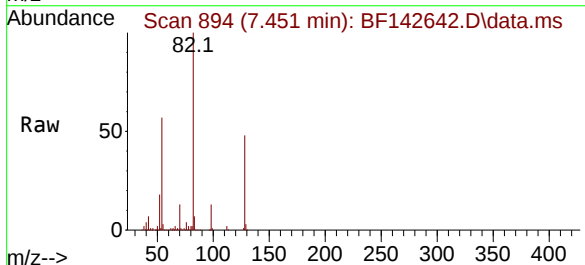
Instrument :  
BNA\_F  
ClientSampleId :  
TP02-MHB-WC

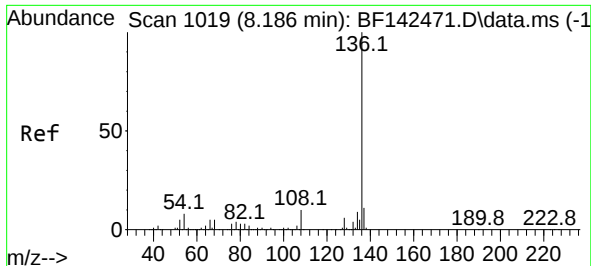
Tgt Ion: 99 Resp: 563628  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.2 24.2  
71 32.1 27.3 40.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.129 ng  
RT: 7.451 min Scan# 894  
Delta R.T. 0.124 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion: 70 Resp: 43978  
Ion Ratio Lower Upper  
70 100  
42 51.7 52.4 78.6#  
101 0.0 7.8 11.8#  
130 2.0 18.0 27.0#

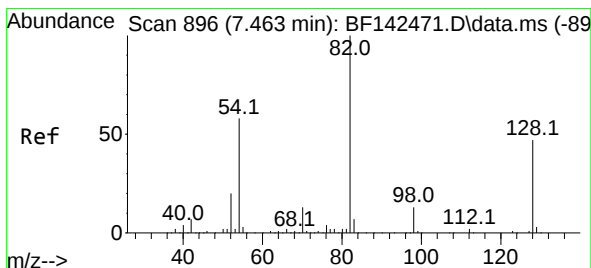
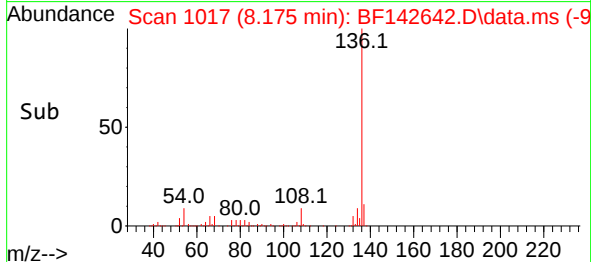
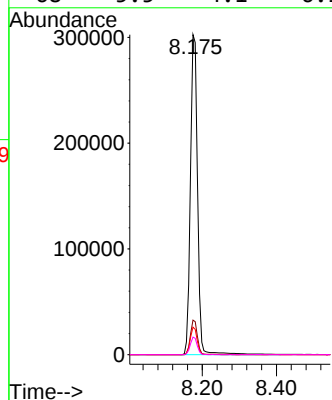
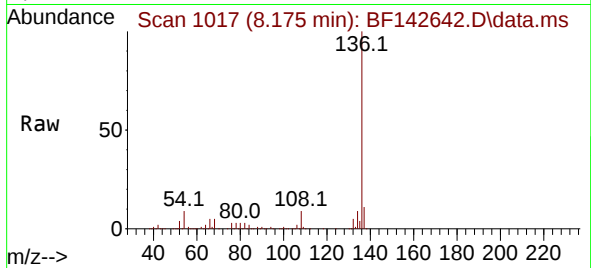




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

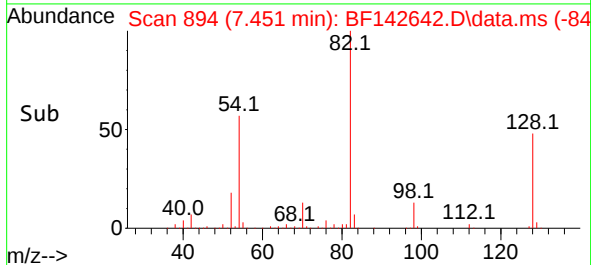
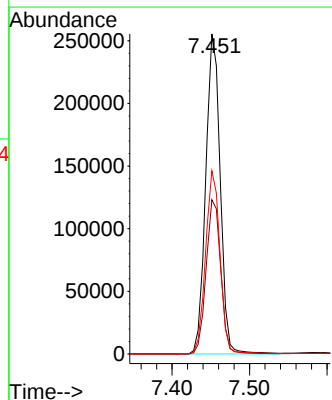
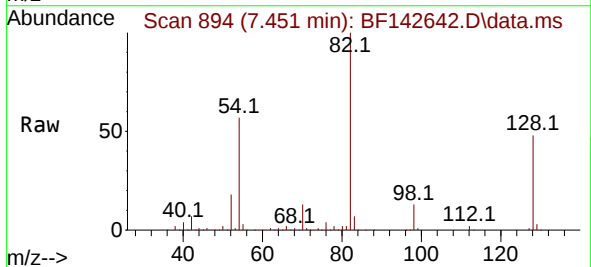
Instrument :  
BNA\_F  
ClientSampleId :  
TP02-MHB-WC

Tgt Ion:136 Resp: 404232  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.6 6.6 10.0  
68 5.5 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 44.785 ng  
RT: 7.451 min Scan# 894  
Delta R.T. -0.023 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion: 82 Resp: 332003  
Ion Ratio Lower Upper  
82 100  
128 48.2 37.4 56.2  
54 57.3 46.6 70.0

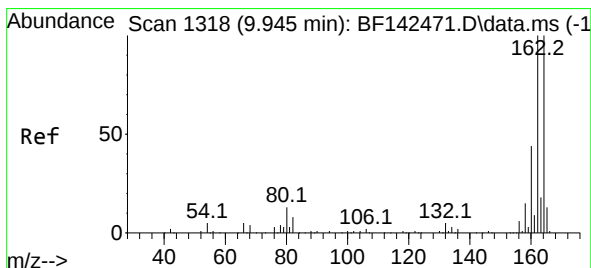
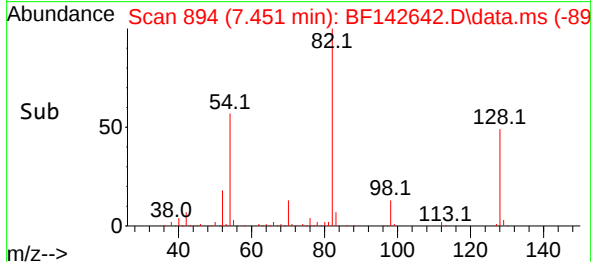
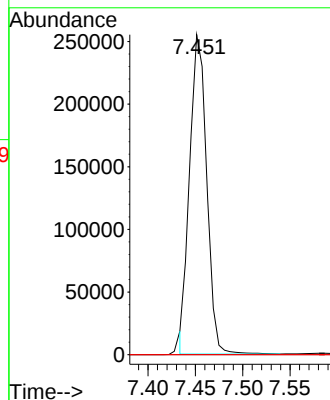
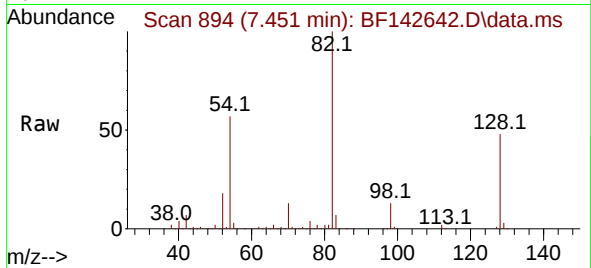




#25  
Isophorone  
Concen: 25.871 ng  
RT: 7.451 min Scan# 89  
Delta R.T. -0.282 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

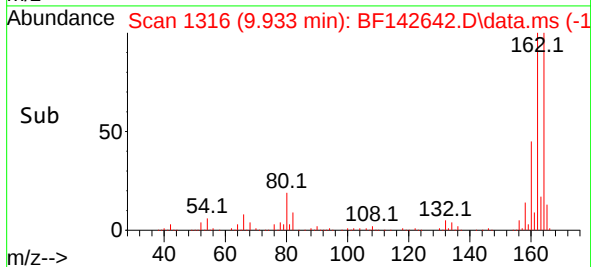
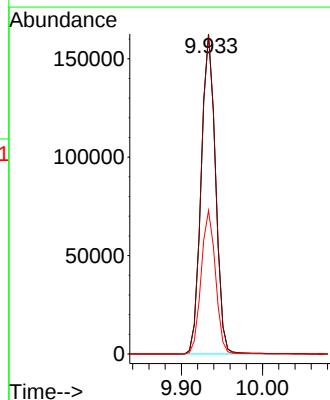
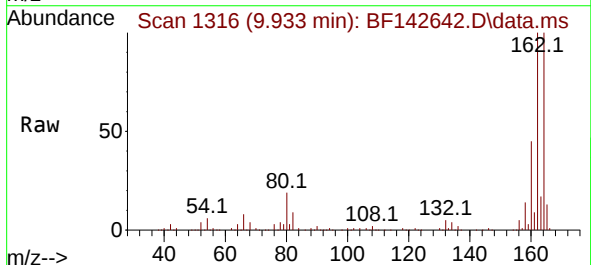
Instrument :  
BNA\_F  
ClientSampleId :  
TP02-MHB-WC

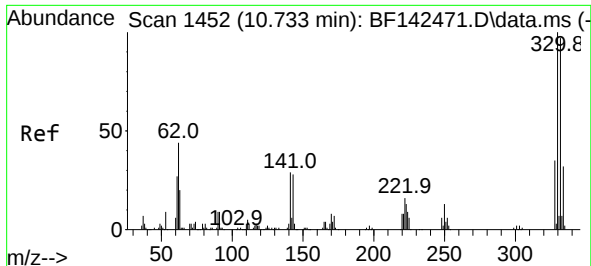
Tgt Ion: 82 Resp: 320651  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.5 23.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion:164 Resp: 200133  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.2 120.4  
160 44.9 35.6 53.4

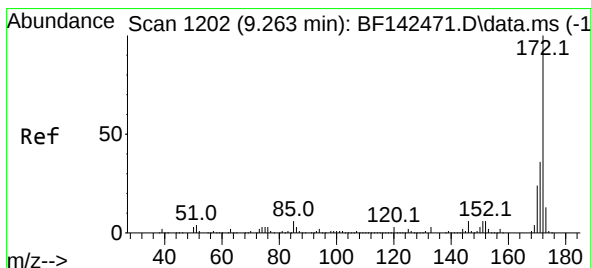
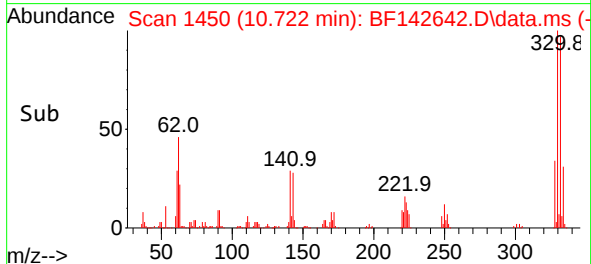
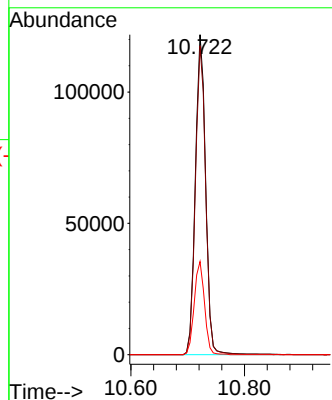
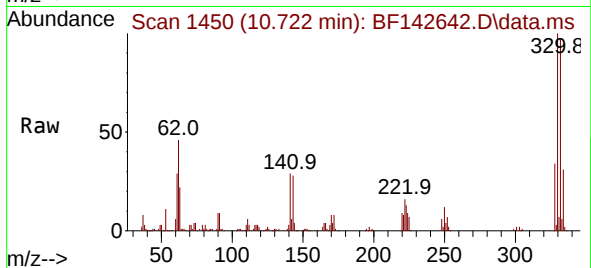




#42  
2,4,6-Tribromophenol  
Concen: 69.509 ng  
RT: 10.722 min Scan# 1452  
Delta R.T. -0.018 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

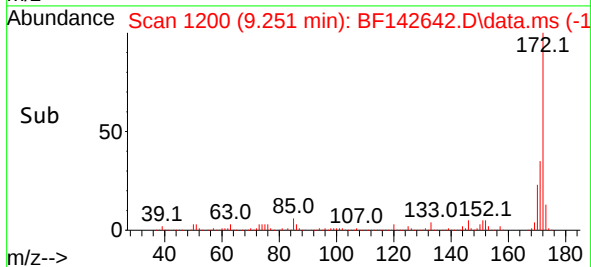
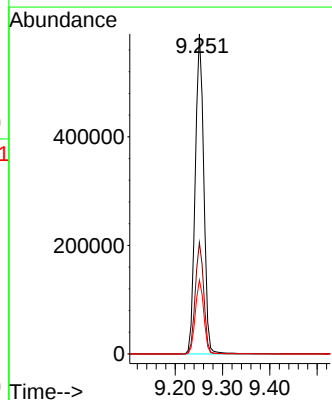
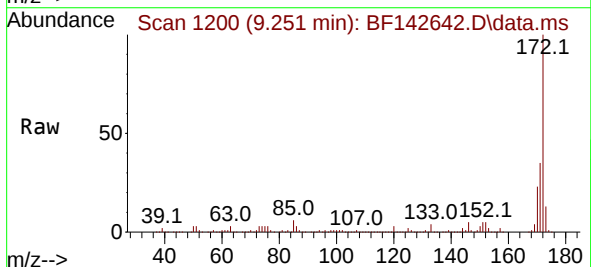
Instrument :  
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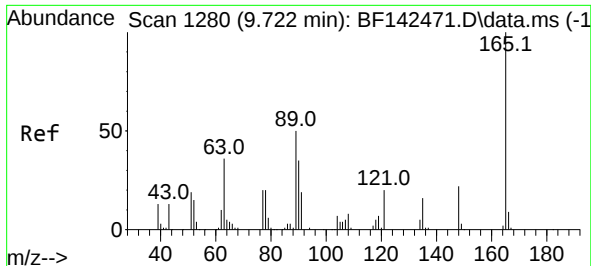
Tgt Ion:330 Resp: 154395  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.6 116.4  
141 29.0 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 49.798 ng  
RT: 9.251 min Scan# 1200  
Delta R.T. -0.017 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion:172 Resp: 742709  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 42.8  
170 23.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.254 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

TP02-MHB-WC

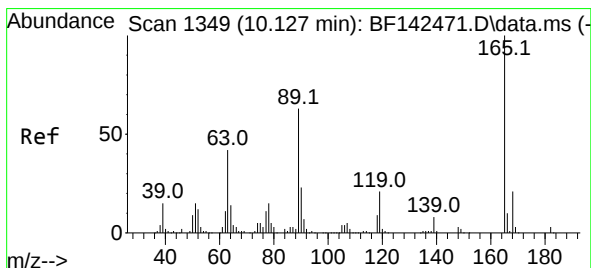
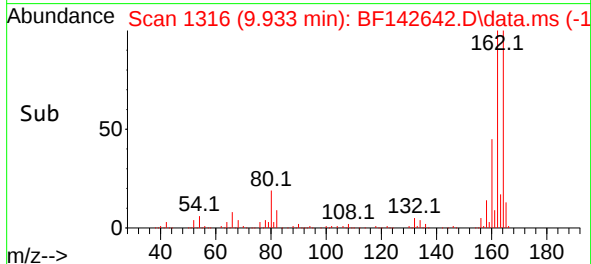
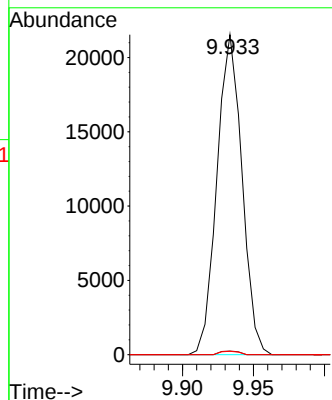
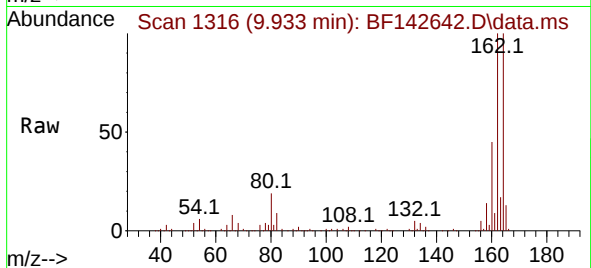
Tgt Ion:165 Resp: 26374

Ion Ratio Lower Upper

165 100

63 1.2 42.9 64.3#

89 1.1 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 7.086 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

Tgt Ion:165 Resp: 26374

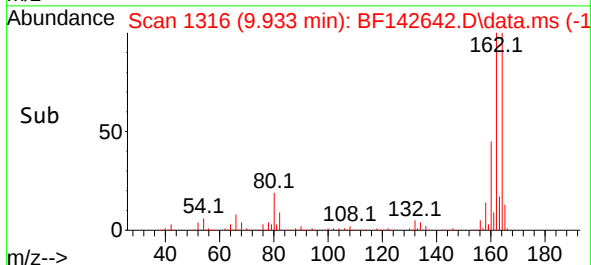
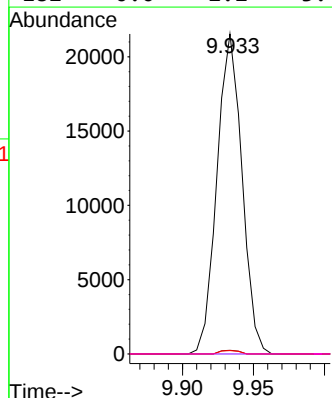
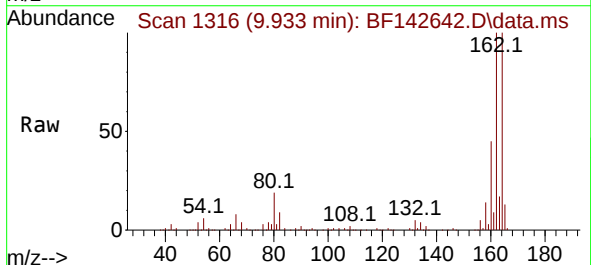
Ion Ratio Lower Upper

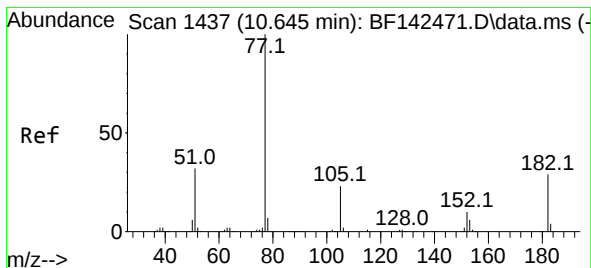
165 100

63 1.2 33.6 50.4#

89 1.1 50.2 75.4#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 5.444 ng

RT: 10.645 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

TP02-MHB-WC

Tgt Ion: 77 Resp: 63058

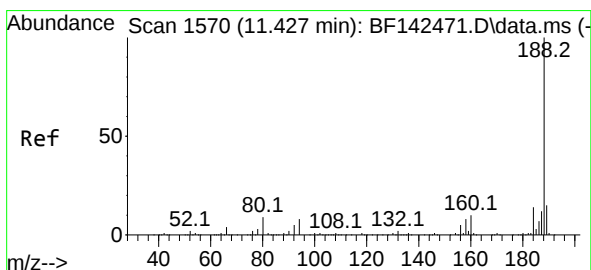
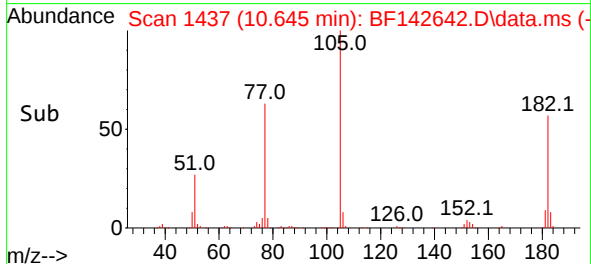
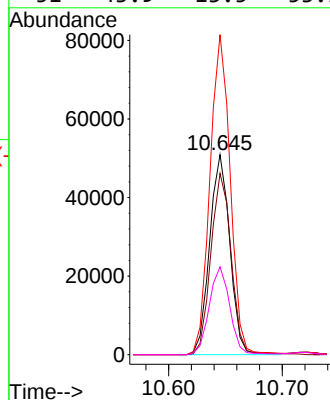
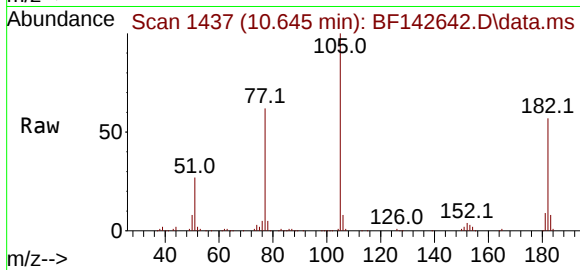
Ion Ratio Lower Upper

77 100

182 90.6 9.0 49.0#

105 160.0 2.4 42.4#

51 43.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

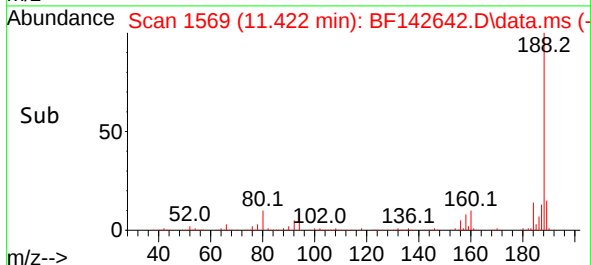
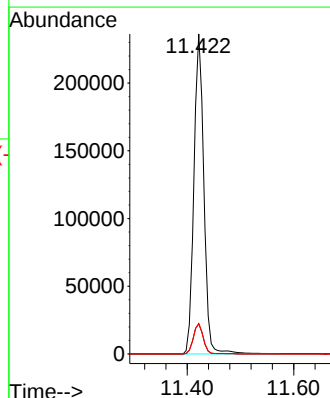
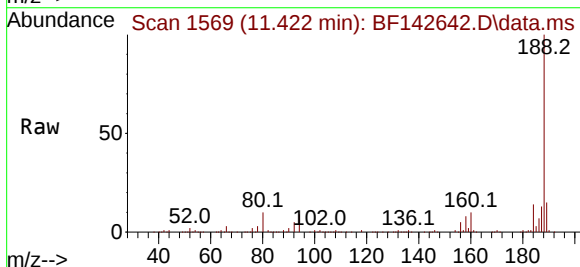
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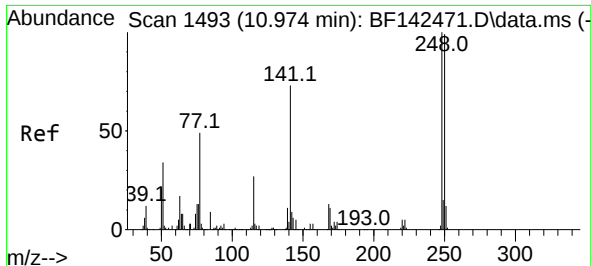
Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.5 7.4 11.0

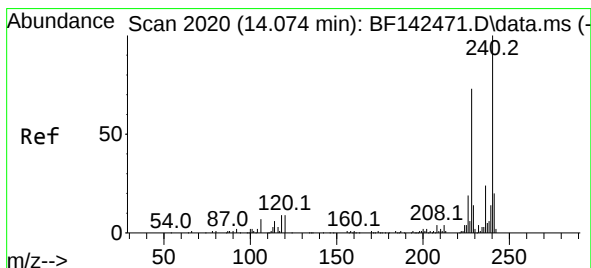
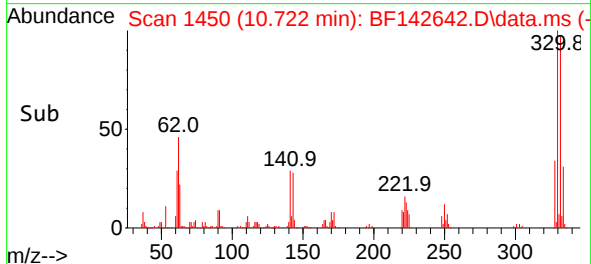
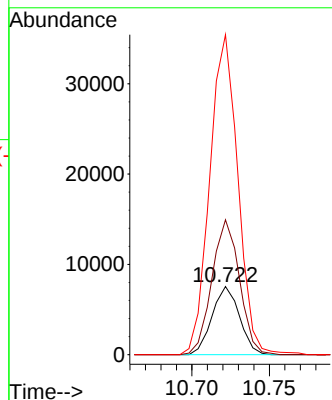
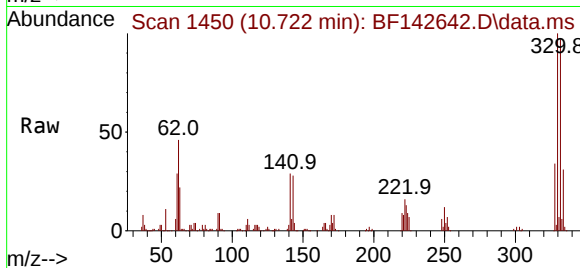




#67  
4-Bromophenyl-phenylether  
Concen: 2.558 ng  
RT: 10.722 min Scan# 14  
Delta R.T. -0.253 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

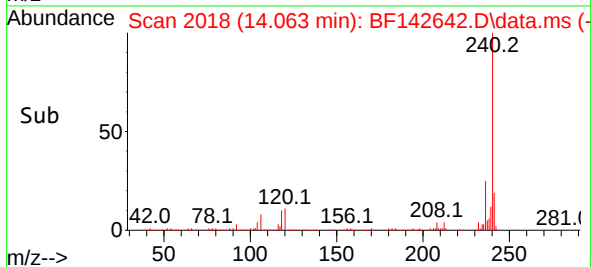
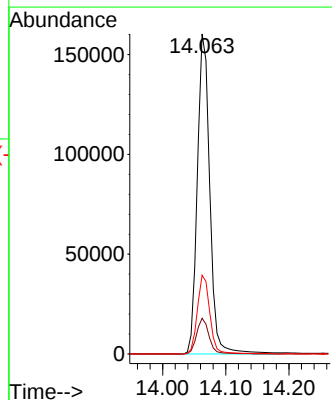
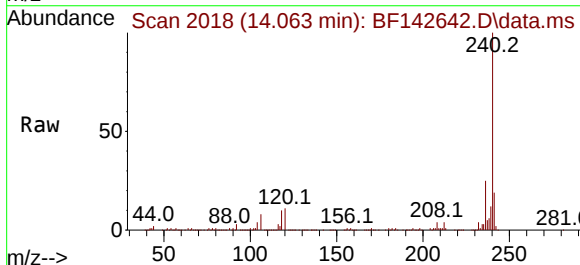
Instrument :  
BNA\_F  
ClientSampleId :  
TP02-MHB-WC

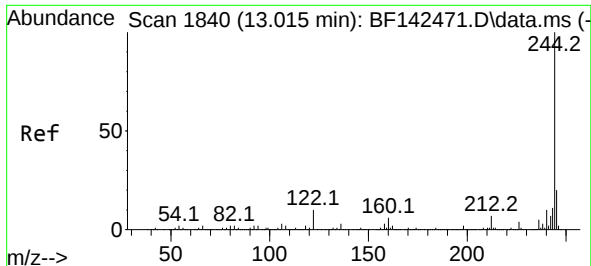
Tgt Ion:248 Resp: 9270  
Ion Ratio Lower Upper  
248 100  
250 198.1 79.0 118.4#  
141 469.9 58.4 87.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF142642.D  
Acq: 06 Jun 2025 12:54

Tgt Ion:240 Resp: 220154  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.5 11.3  
236 24.6 19.6 29.4

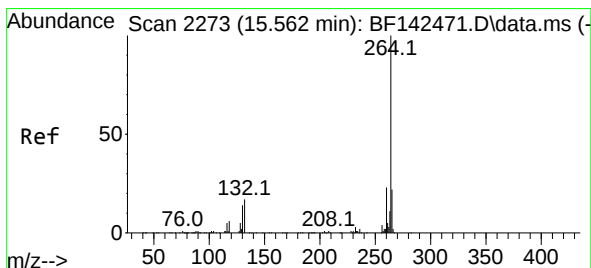
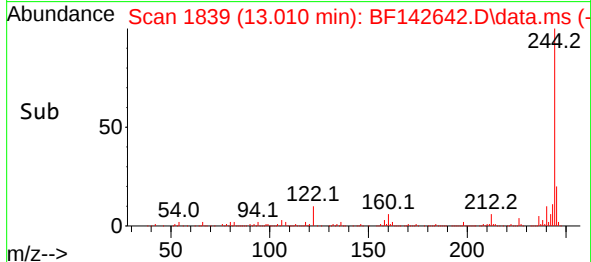
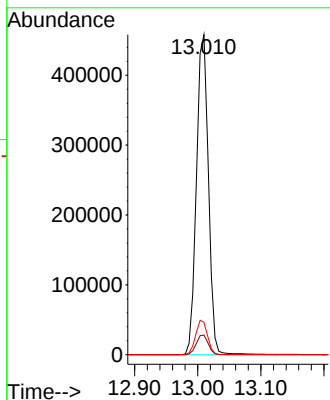
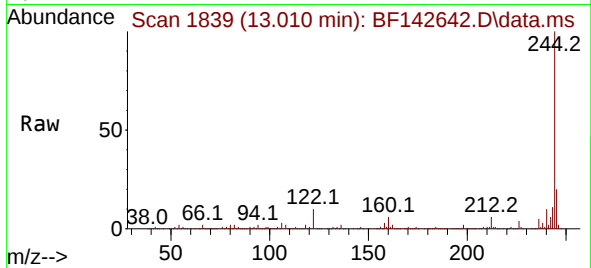




#79  
 Terphenyl-d14  
 Concen: 37.370 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142642.D  
 Acq: 06 Jun 2025 12:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP02-MHB-WC

Tgt Ion:244 Resp: 602042  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.3 7.9  
 122 10.1 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF142642.D  
 Acq: 06 Jun 2025 12:54

Tgt Ion:264 Resp: 262773  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.6 28.0  
 265 21.7 17.7 26.5

