

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101725\  
 Data File : BF143992.D  
 Acq On : 17 Oct 2025 18:43  
 Operator : RC/JU  
 Sample : Q3349-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PURS Station

Quant Time: Oct 20 11:12:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

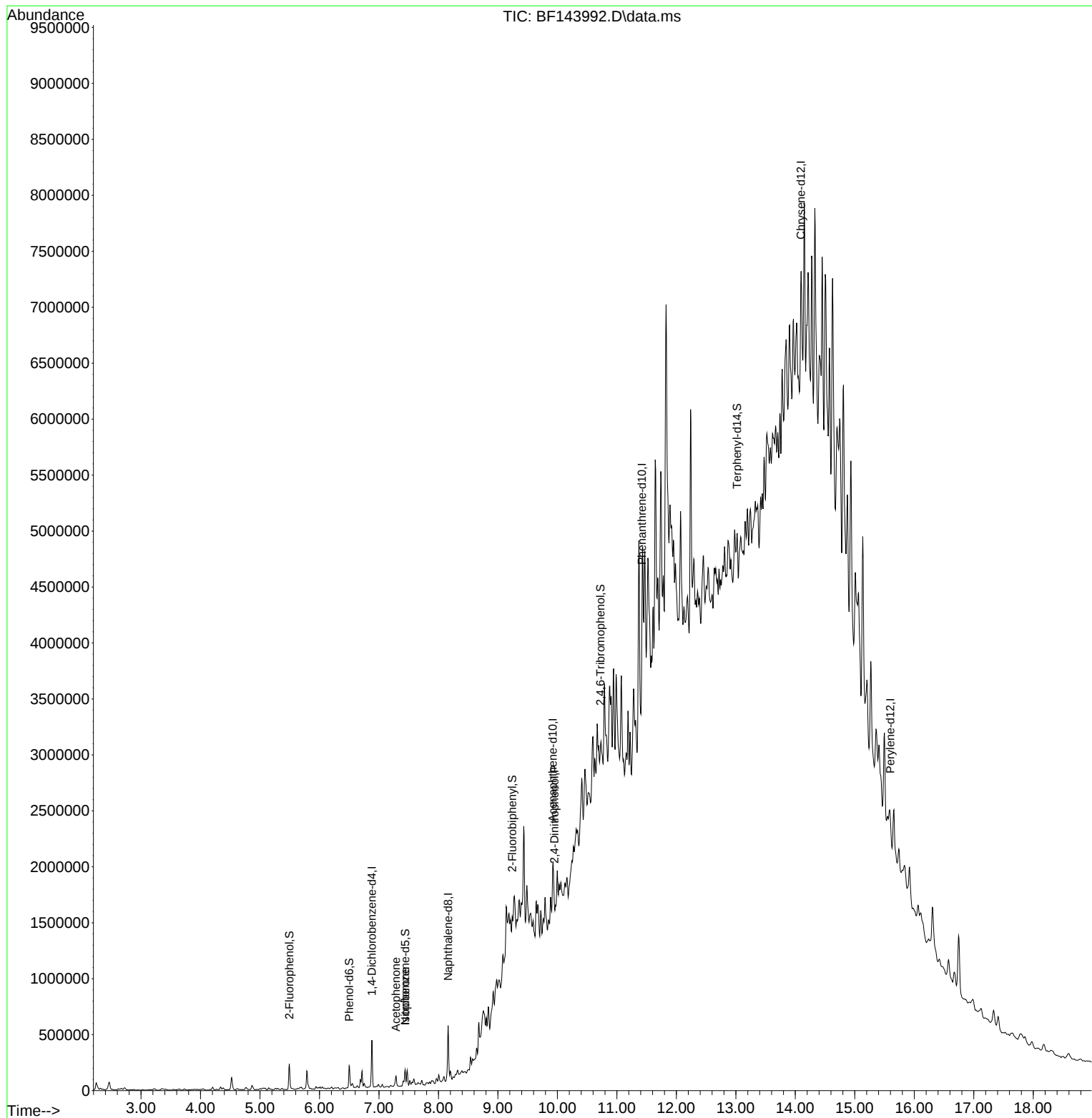
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 87692    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 299344   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 127355   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 159085   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.092 | 240  | 119082   | 20.000 | ng    | # 0.02   |
| 86) Perylene-d12            | 15.598 | 264  | 176056   | 20.000 | ng    | 0.05     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 97093    | 17.582 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 112124   | 17.034 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 58666    | 11.907 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 16986    | 13.391 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 106480   | 13.267 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.022 | 244  | 91163    | 13.084 | ng    | 0.01     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 22) Acetophenone            | 7.287  | 105  | 35141    | 5.552  | ng    | # 90     |
| 25) Isophorone              | 7.440  | 82   | 45384    | 4.368  | ng    | # 68     |
| 54) 2,4-Dinitrophenol       | 9.951  | 184  | 791      | 7.722  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

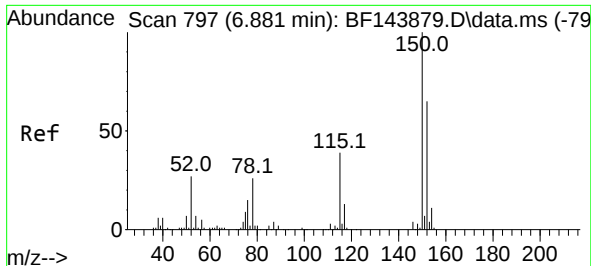
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101725\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

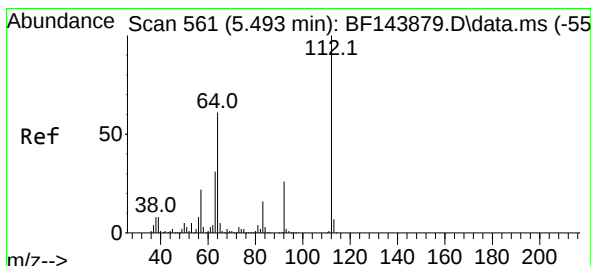
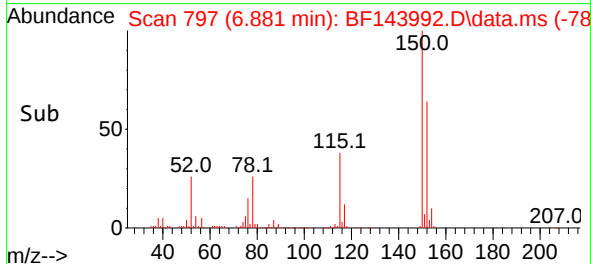
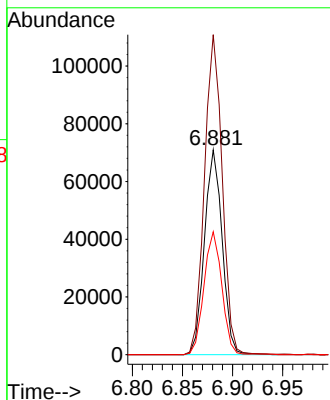
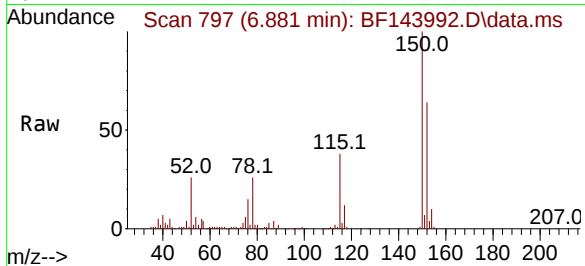




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 797  
Delta R.T. -0.005 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

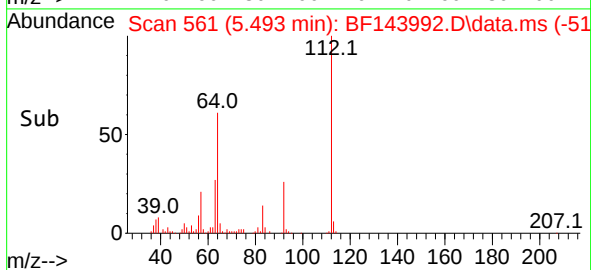
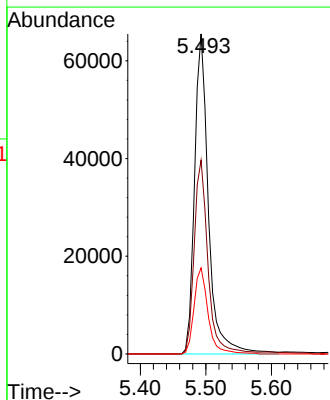
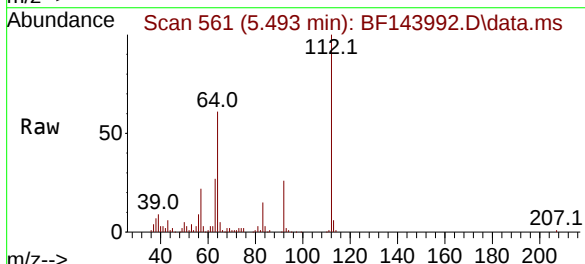
Instrument :  
BNA\_F  
ClientSampleId :  
PURS Station

Tgt Ion:152 Resp: 87692  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.4 186.6  
115 60.0 48.1 72.1



#5  
2-Fluorophenol  
Concen: 17.582 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

Tgt Ion:112 Resp: 97093  
Ion Ratio Lower Upper  
112 100  
64 60.6 49.1 73.7  
63 26.9 24.5 36.7

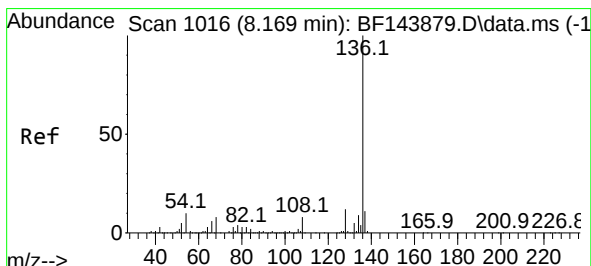
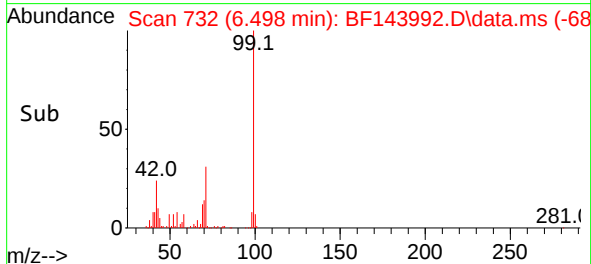
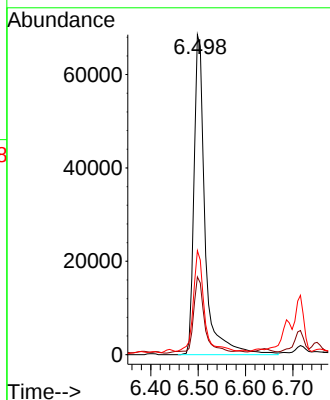
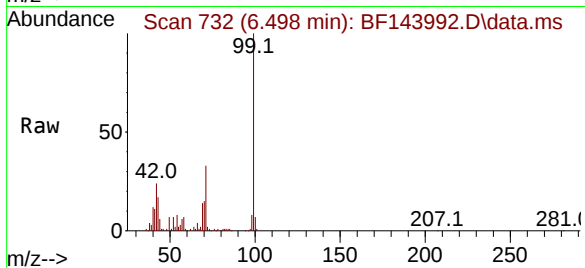




#7  
Phenol-d6  
Concen: 17.034 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

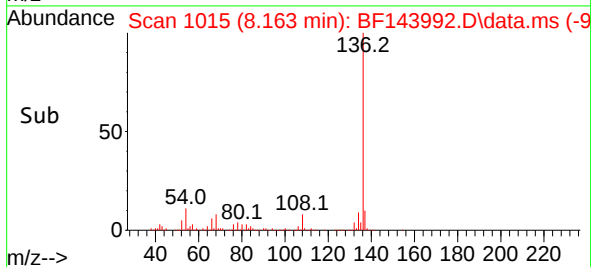
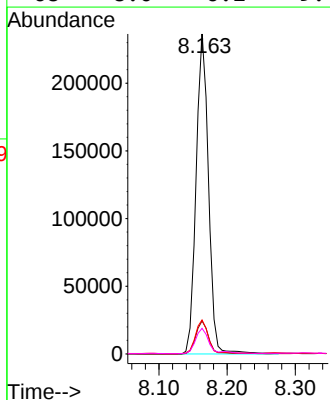
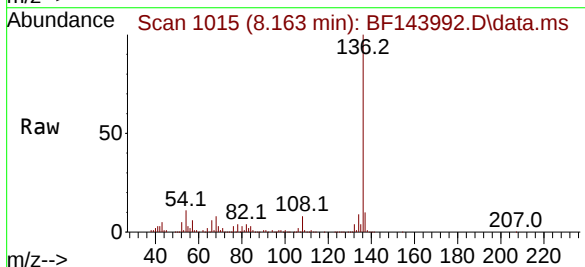
Instrument :  
BNA\_F  
ClientSampleId :  
PURS Station

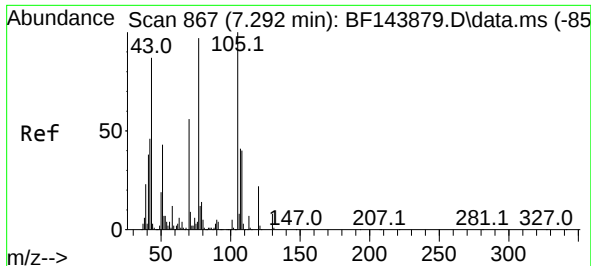
Tgt Ion: 99 Resp: 112124  
Ion Ratio Lower Upper  
99 100  
42 24.3 21.0 31.4  
71 32.5 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

Tgt Ion: 136 Resp: 299344  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.5 12.7  
54 10.7 8.2 12.4  
68 8.0 6.2 9.4

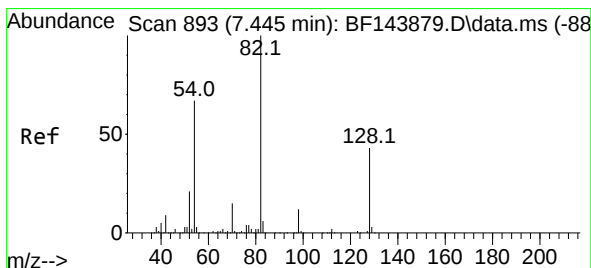
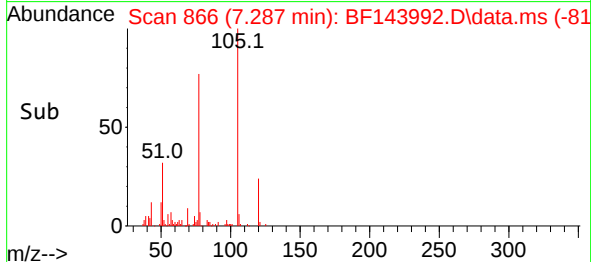
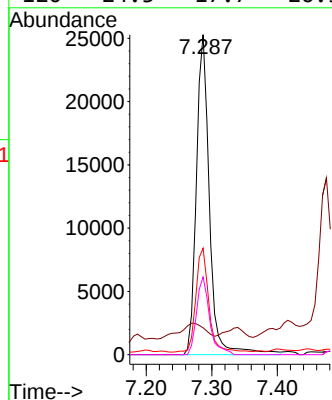
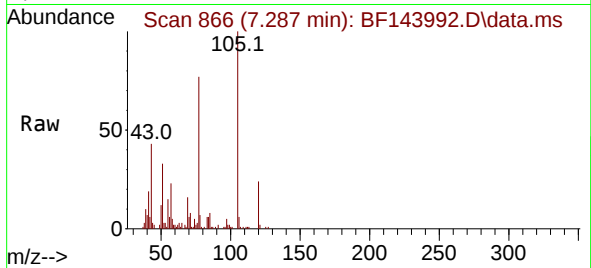




#22  
Acetophenone  
Concen: 5.552 ng  
RT: 7.287 min Scan# 80  
Delta R.T. -0.017 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

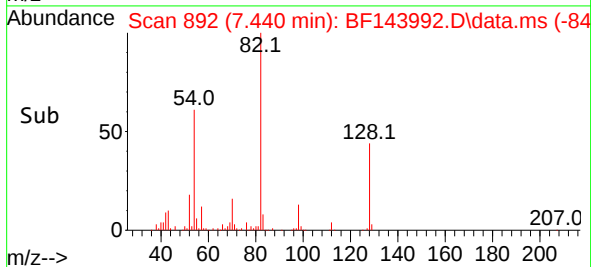
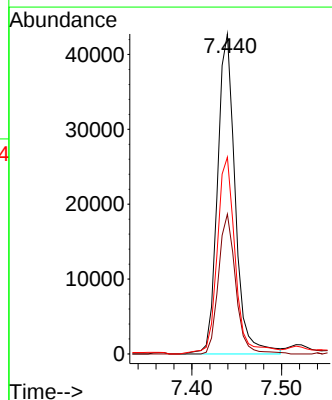
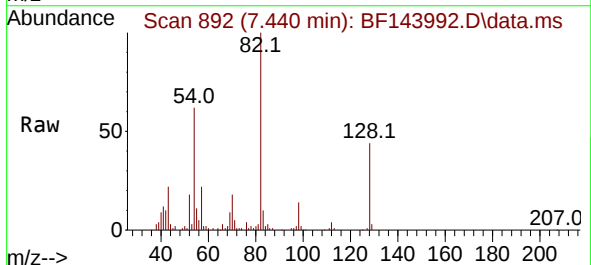
Instrument :  
BNA\_F  
ClientSampleId :  
PURS Station

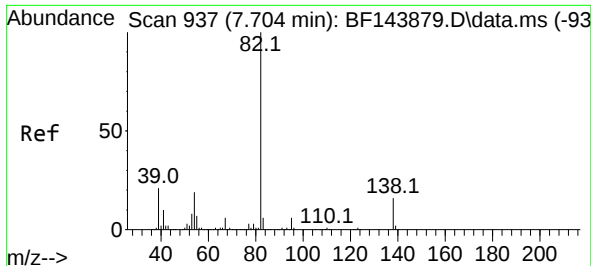
Tgt Ion:105 Resp: 35141  
Ion Ratio Lower Upper  
105 100  
71 8.4 7.4 11.0  
51 33.3 34.2 51.4#  
120 24.3 17.7 26.5



#23  
Nitrobenzene-d5  
Concen: 11.907 ng  
RT: 7.440 min Scan# 892  
Delta R.T. -0.017 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

Tgt Ion: 82 Resp: 58666  
Ion Ratio Lower Upper  
82 100  
128 43.7 34.0 51.0  
54 61.5 53.2 79.8

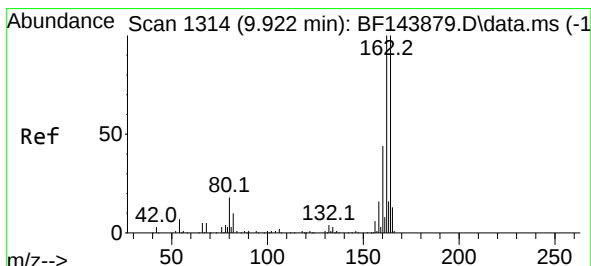
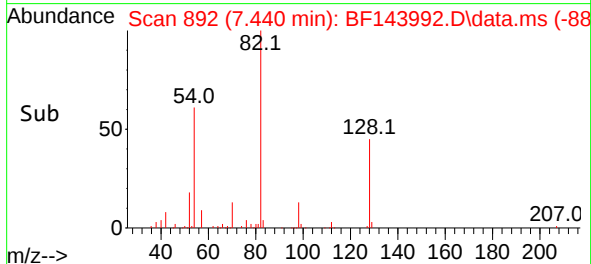
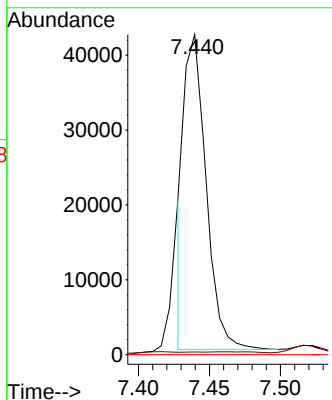
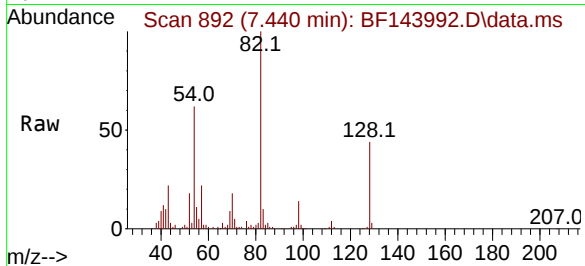




#25  
Isophorone  
Concen: 4.368 ng  
RT: 7.440 min Scan# 89  
Delta R.T. -0.282 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

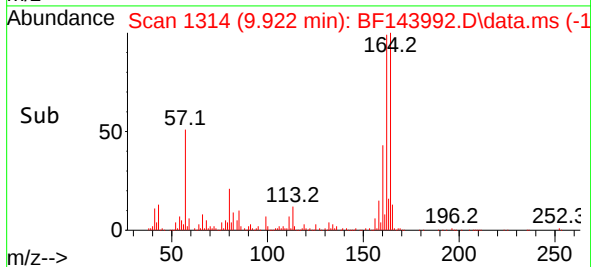
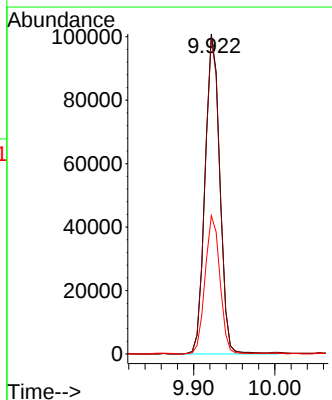
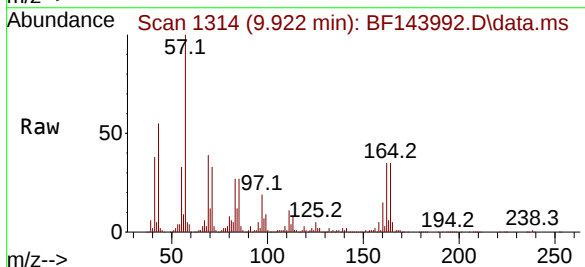
Instrument :  
BNA\_F  
ClientSampleId :  
PURS Station

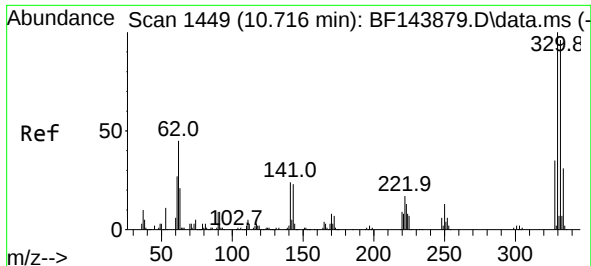
Tgt Ion: 82 Resp: 45384  
Ion Ratio Lower Upper  
82 100  
95 0.8 5.1 7.7#  
138 0.0 12.9 19.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

Tgt Ion: 164 Resp: 127355  
Ion Ratio Lower Upper  
164 100  
162 99.0 80.2 120.2  
160 43.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 13.391 ng

RT: 10.722 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143992.D

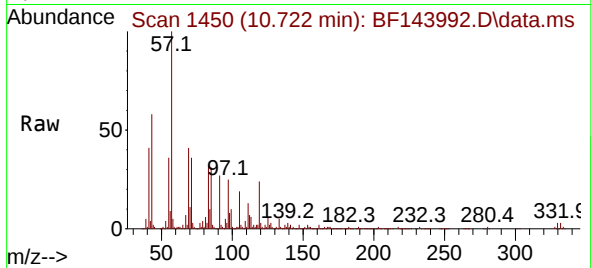
Acq: 17 Oct 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

PURS Station



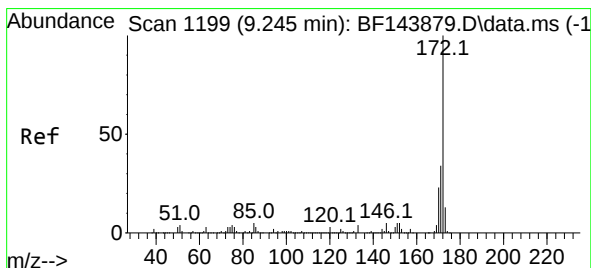
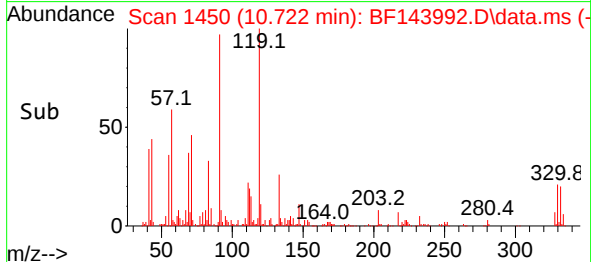
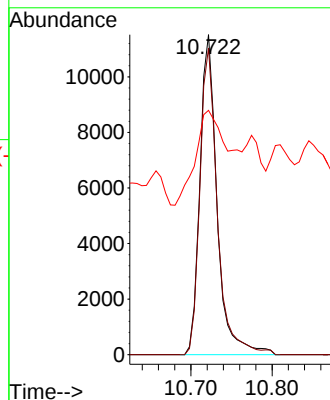
Tgt Ion:330 Resp: 16986

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 51.0 20.2 30.4#



#45

2-Fluorobiphenyl

Concen: 13.267 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

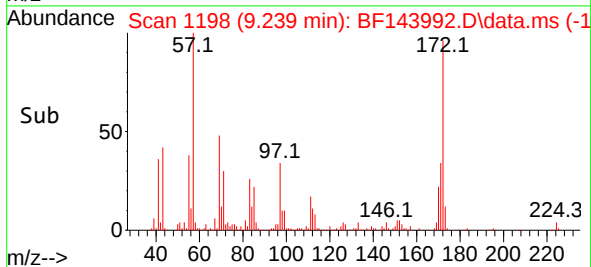
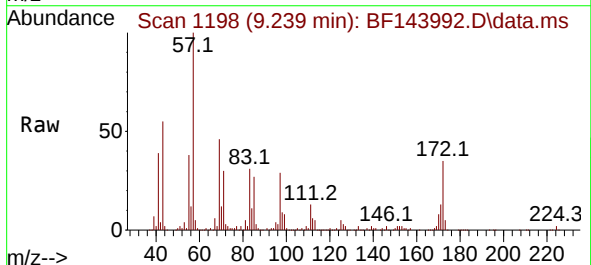
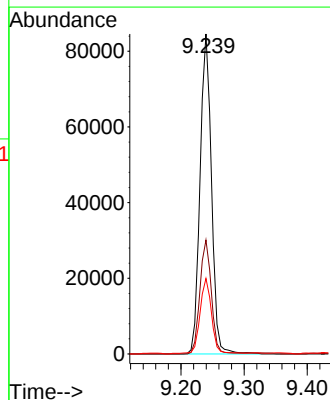
Tgt Ion:172 Resp: 106480

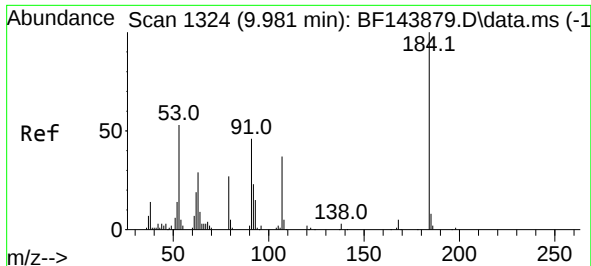
Ion Ratio Lower Upper

172 100

171 35.6 27.4 41.0

170 23.6 18.6 28.0

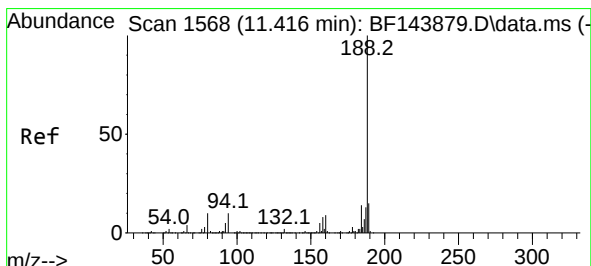
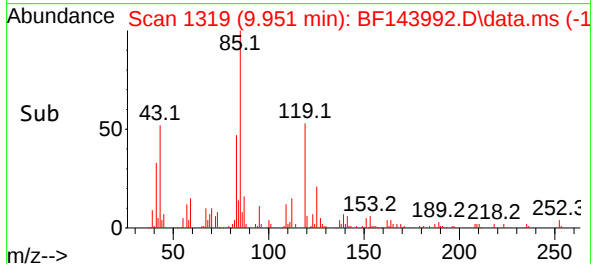
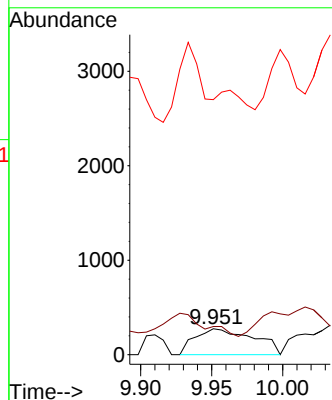
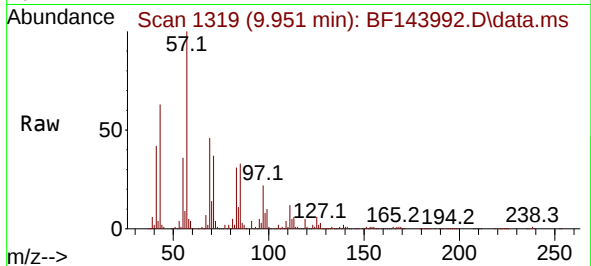




#54  
2,4-Dinitrophenol  
Concen: 7.722 ng  
RT: 9.951 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

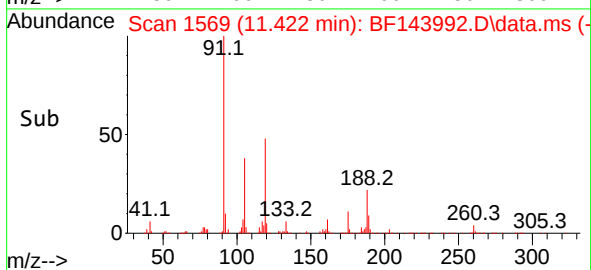
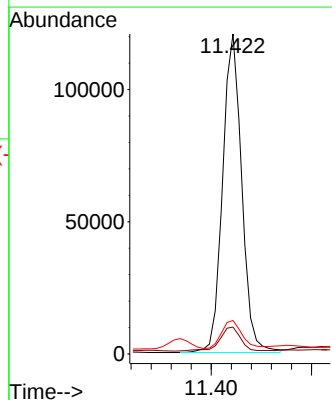
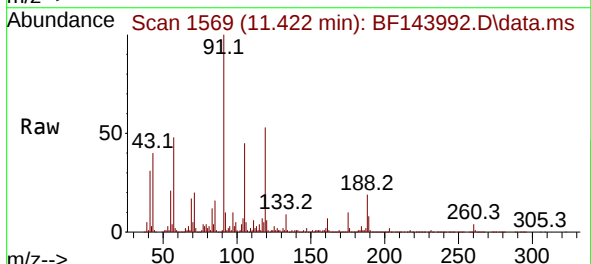
Instrument :  
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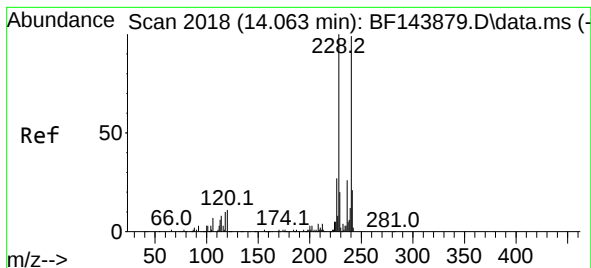
Tgt Ion:184 Resp: 791  
Ion Ratio Lower Upper  
184 100  
63 108.4 48.2 72.4#  
154 982.2 49.2 73.8#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: BF143992.D  
Acq: 17 Oct 2025 18:43

Tgt Ion:188 Resp: 159085  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.8 11.6  
80 10.4 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

Instrument :

BNA\_F

ClientSampleId :

PURS Station

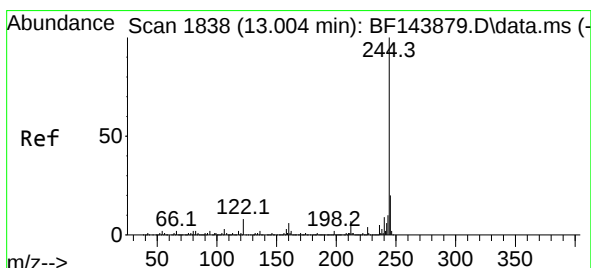
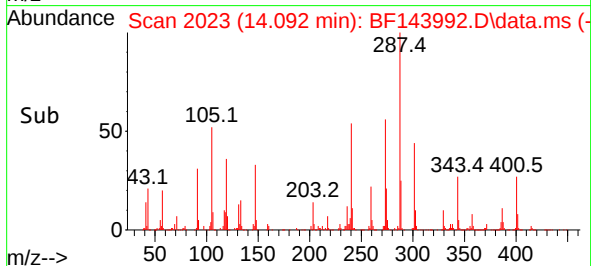
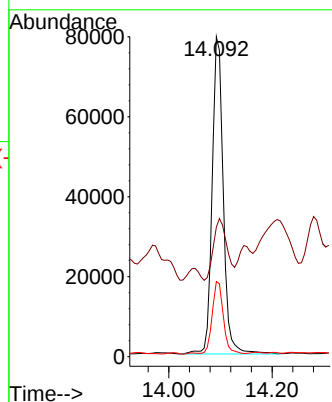
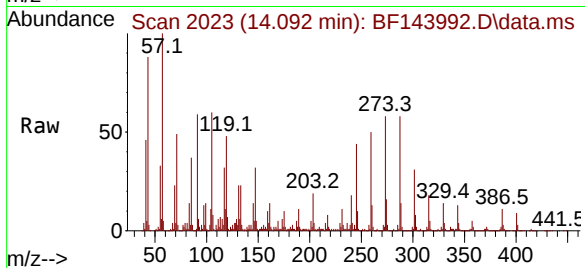
Tgt Ion:240 Resp: 119082

Ion Ratio Lower Upper

240 100

120 40.5 8.6 13.0#

236 23.5 21.1 31.7



#79

Terphenyl-d14

Concen: 13.084 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.012 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

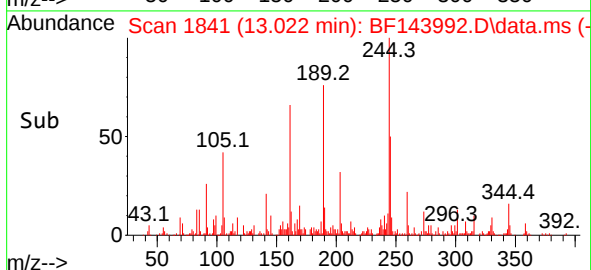
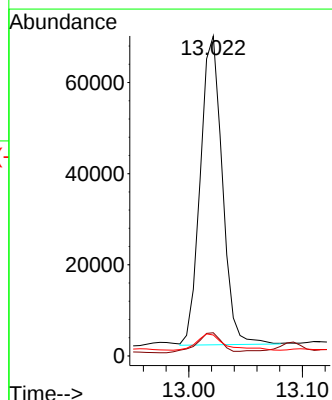
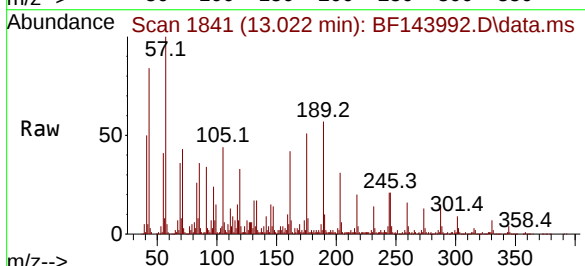
Tgt Ion:244 Resp: 91163

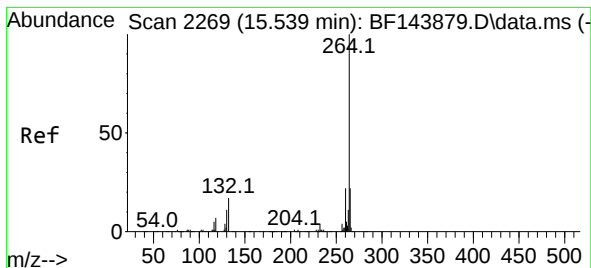
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

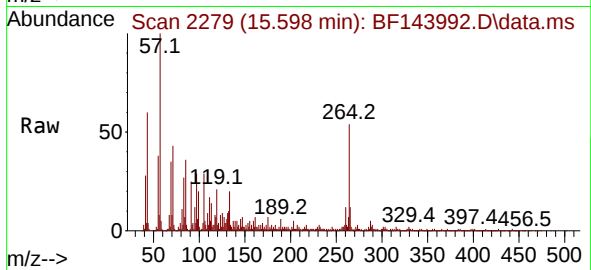
122 6.6 6.4 9.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.598 min Scan# 21  
 Delta R.T. 0.053 min  
 Lab File: BF143992.D  
 Acq: 17 Oct 2025 18:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PURS Station



Tgt Ion:264 Resp: 176056  
 Ion Ratio Lower Upper  
 264 100  
 260 21.4 17.8 26.8  
 265 22.7 17.5 26.3

