

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072425\  
 Data File : BF143241.D  
 Acq On : 24 Jul 2025 18:55  
 Operator : RC/JU  
 Sample : Q2668-05 2X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3

Quant Time: Jul 25 01:18:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 17 15:14:05 2025  
 Response via : Initial Calibration

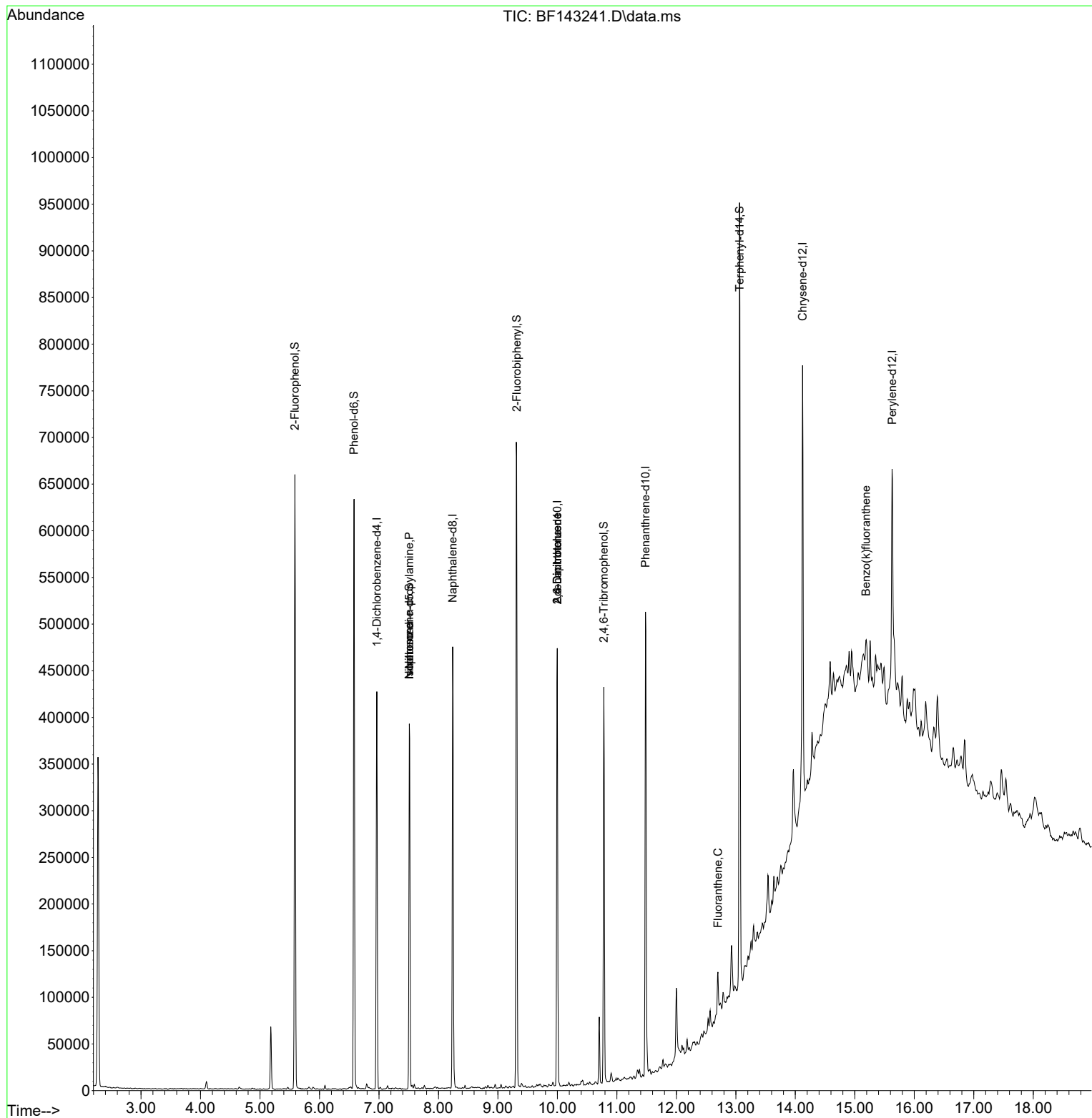
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 85344    | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.240  | 136  | 282010   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.998  | 164  | 135972   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.480 | 188  | 254328   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 14.121 | 240  | 213633   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 15.627 | 264  | 139335   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 222963   | 41.342 | ng     | 0.00     |
| 7) Phenol-d6                  | 6.581  | 99   | 262245   | 38.632 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 162405   | 28.706 | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.781 | 330  | 66950    | 47.663 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 305921   | 30.770 | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.063 | 244  | 394384   | 27.472 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 19) n-Nitroso-di-n-propyla... | 7.510  | 70   | 21604    | 4.961  | ng     | # 82     |
| 25) Isophorone                | 7.510  | 82   | 161078   | 16.128 | ng     | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 17850    | 9.900  | ng     | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 17850    | 7.891  | ng     | # 21     |
| 75) Fluoranthene              | 12.698 | 202  | 24959    | 2.014  | ng     | 94       |
| 89) Benzo(k)fluoranthene      | 15.186 | 252  | 15812    | 2.082  | ng     | # 19     |
| -----                         |        |      |          |        |        |          |

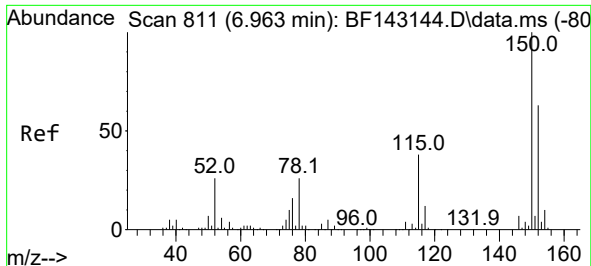
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072425\  
Data File : BF143241.D  
Acq On : 24 Jul 2025 18:55  
Operator : RC/JU  
Sample : Q2668-05 2X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Quant Time: Jul 25 01:18:44 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 17 15:14:05 2025  
Response via : Initial Calibration

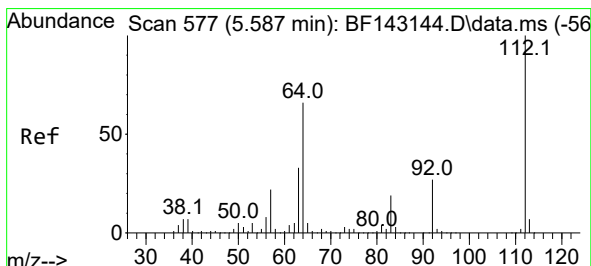
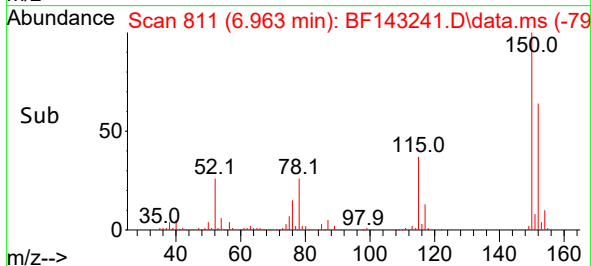
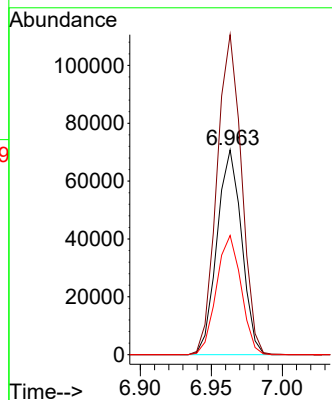
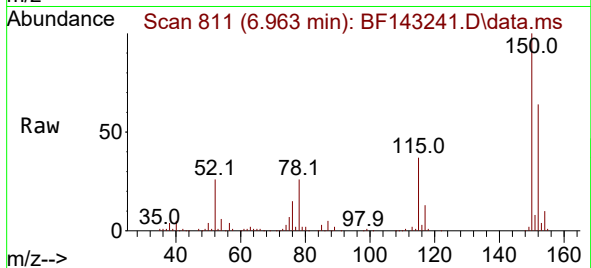




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

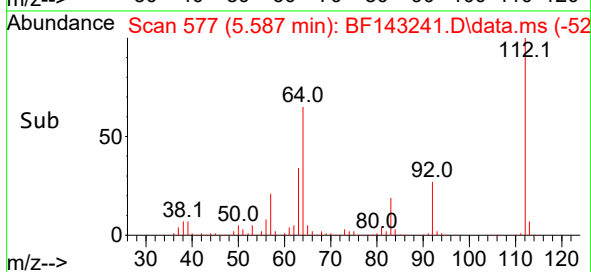
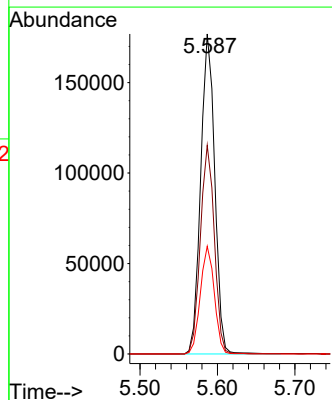
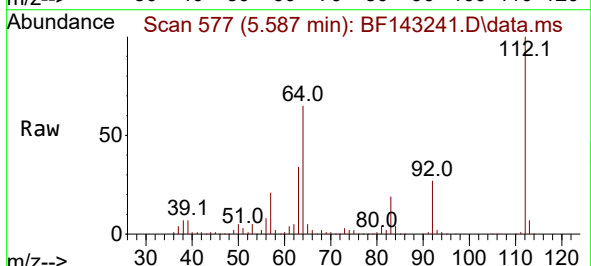
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

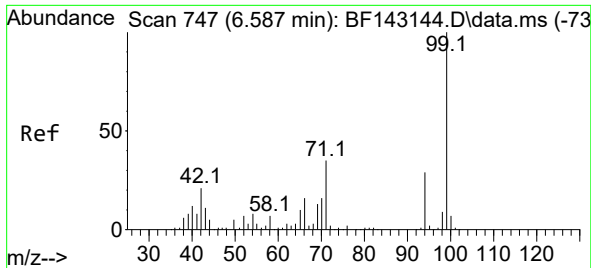
Tgt Ion:152 Resp: 85344  
Ion Ratio Lower Upper  
152 100  
150 156.2 128.2 192.4  
115 58.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 41.342 ng  
RT: 5.587 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion:112 Resp: 222963  
Ion Ratio Lower Upper  
112 100  
64 65.2 53.1 79.7  
63 33.6 26.6 40.0

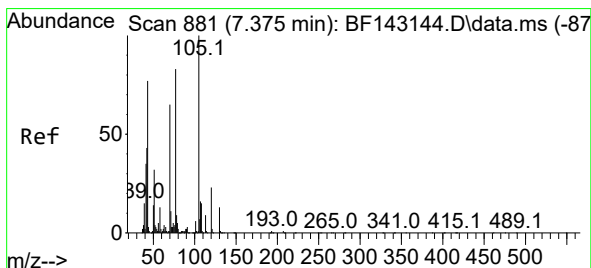
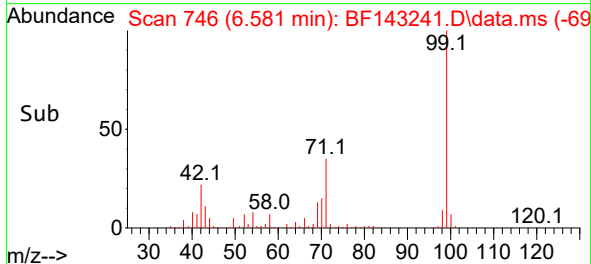
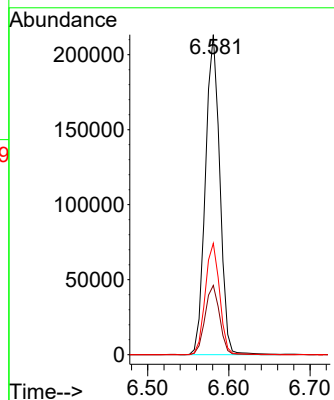
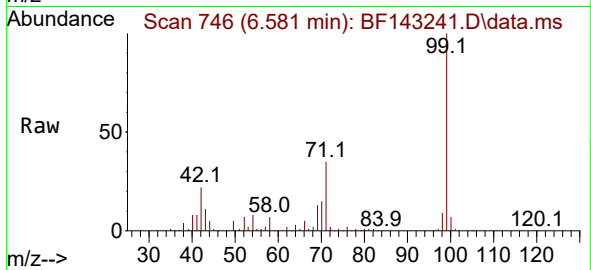




#7  
Phenol-d6  
Concen: 38.632 ng  
RT: 6.581 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

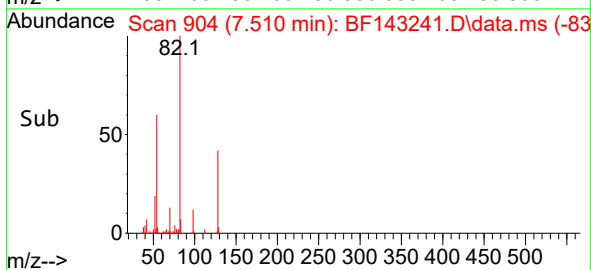
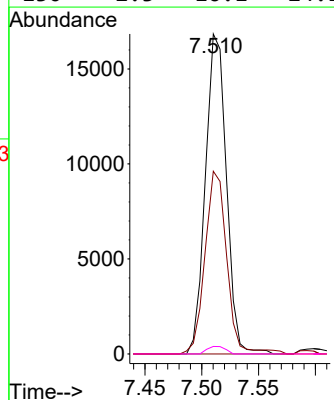
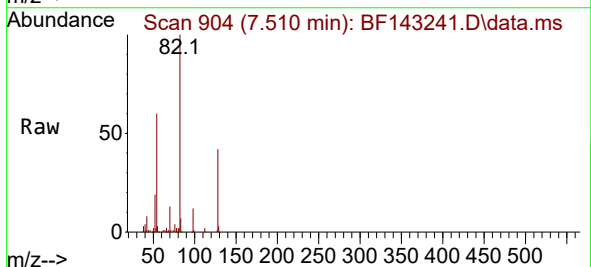
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

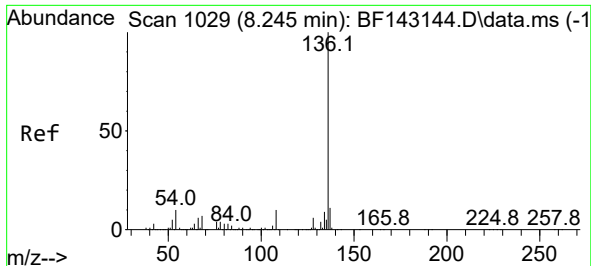
Tgt Ion: 99 Resp: 262245  
Ion Ratio Lower Upper  
99 100  
42 21.6 17.0 25.6  
71 34.8 27.7 41.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.961 ng  
RT: 7.510 min Scan# 904  
Delta R.T. 0.135 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion: 70 Resp: 21604  
Ion Ratio Lower Upper  
70 100  
42 57.1 52.5 78.7  
101 0.0 7.6 11.4#  
130 2.3 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA\_F

ClientSampleId :

TP-3

Tgt Ion:136 Resp: 282010

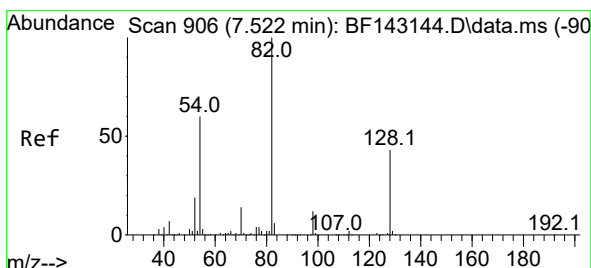
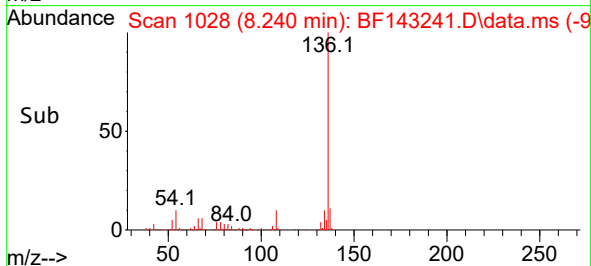
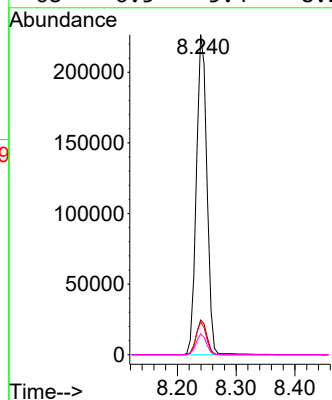
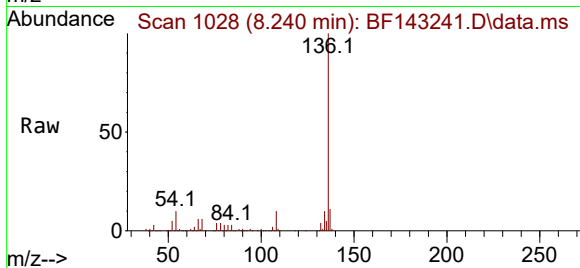
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.2 8.2 12.2

68 6.5 5.4 8.2



#23

Nitrobenzene-d5

Concen: 28.706 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

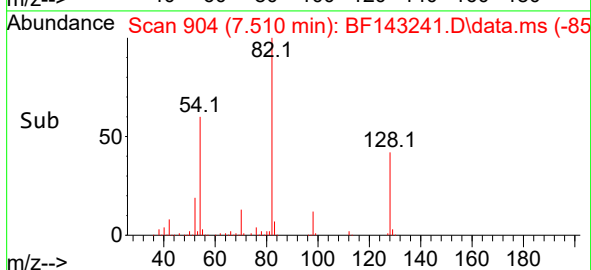
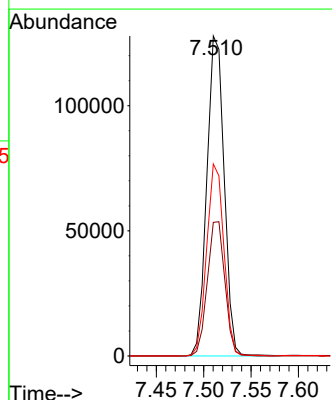
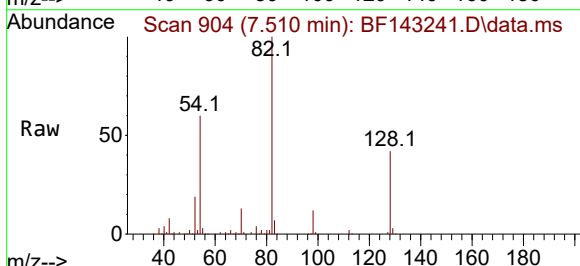
Tgt Ion: 82 Resp: 162405

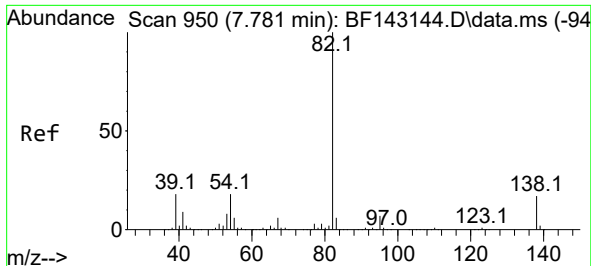
Ion Ratio Lower Upper

82 100

128 41.8 33.6 50.4

54 60.0 47.1 70.7

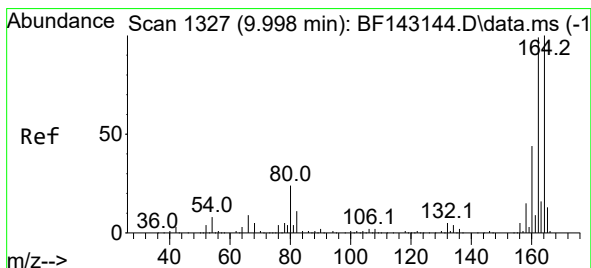
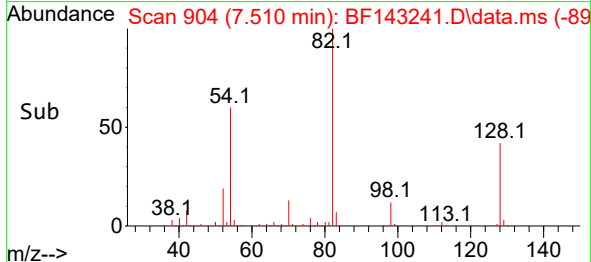
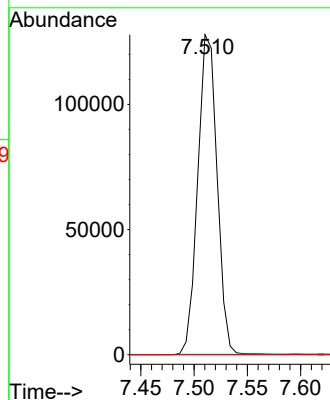
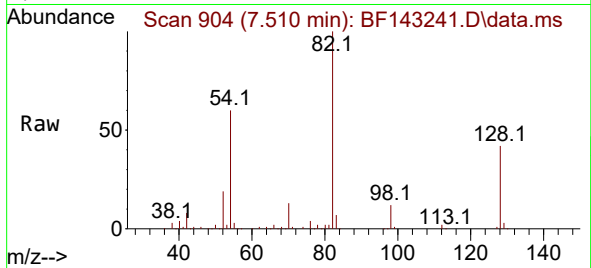




#25  
Isophorone  
Concen: 16.128 ng  
RT: 7.510 min Scan# 90  
Delta R.T. -0.270 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

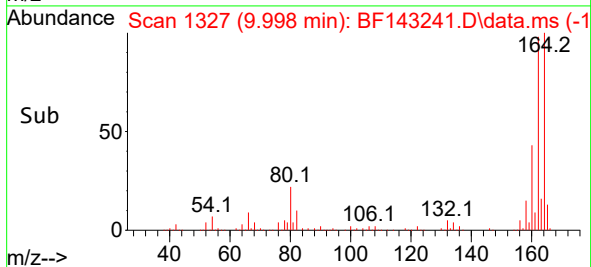
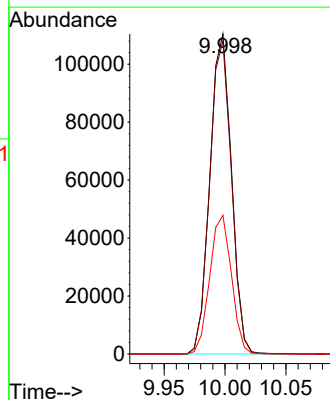
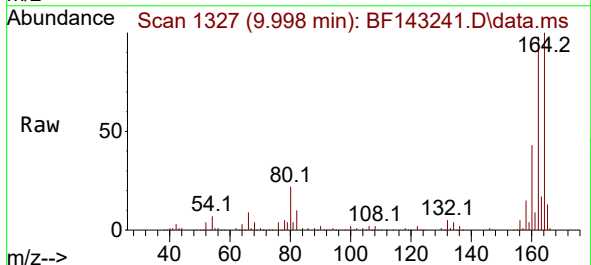
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

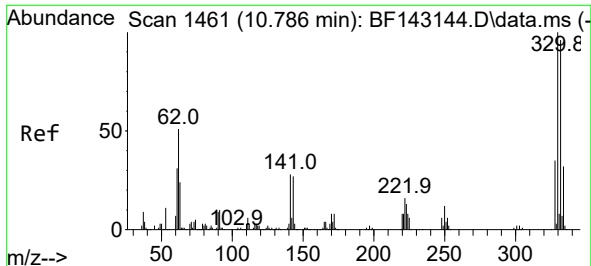
Tgt Ion: 82 Resp: 161078  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 13.8 20.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion: 164 Resp: 135972  
Ion Ratio Lower Upper  
164 100  
162 97.8 79.0 118.6  
160 43.3 35.1 52.7

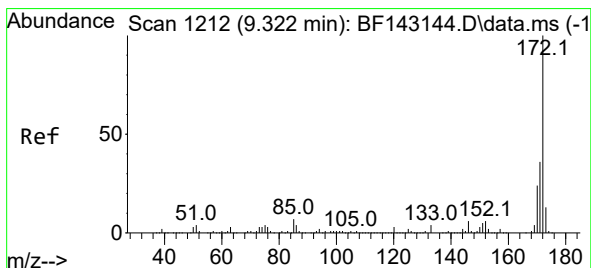
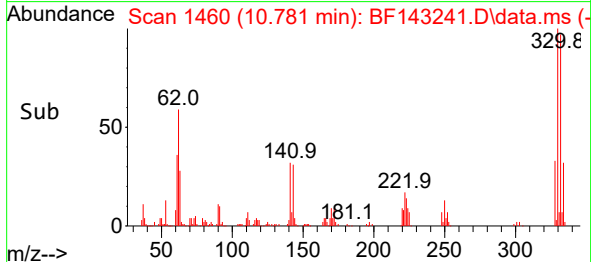
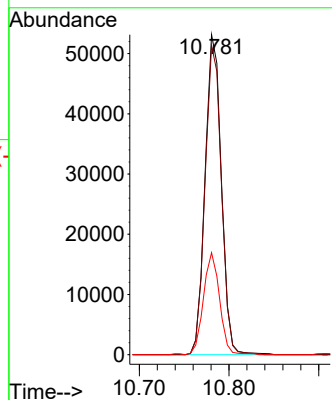
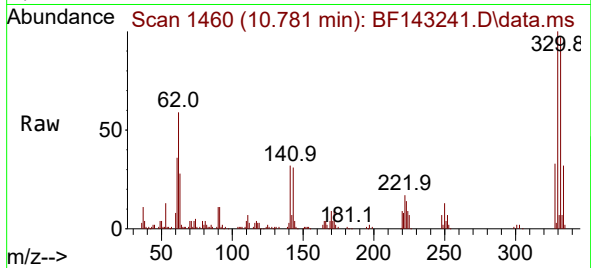




#42  
2,4,6-Tribromophenol  
Concen: 47.663 ng  
RT: 10.781 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

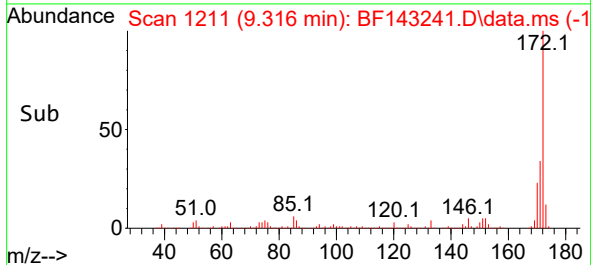
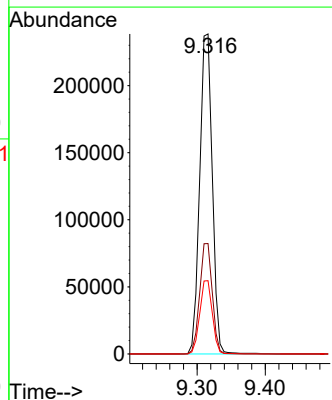
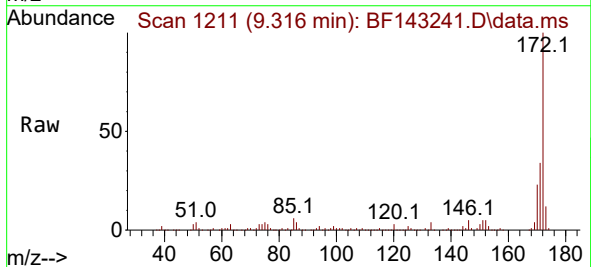
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

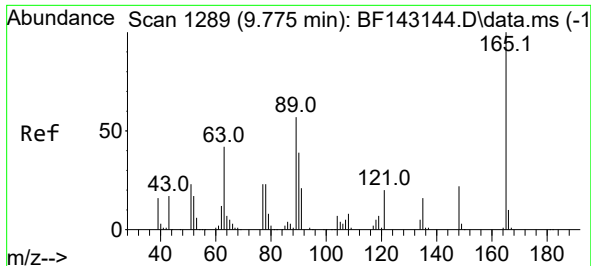
Tgt Ion: 330 Resp: 66950  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.7 115.1  
141 31.7 23.3 34.9



#45  
2-Fluorobiphenyl  
Concen: 30.770 ng  
RT: 9.316 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion: 172 Resp: 305921  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.6 42.8  
170 22.9 18.8 28.2

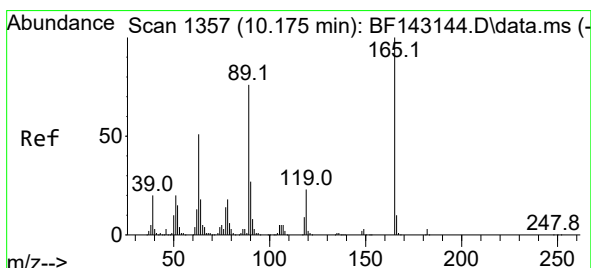
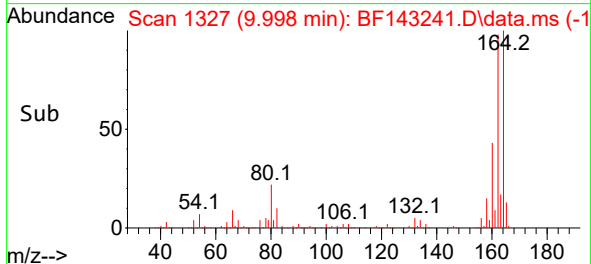
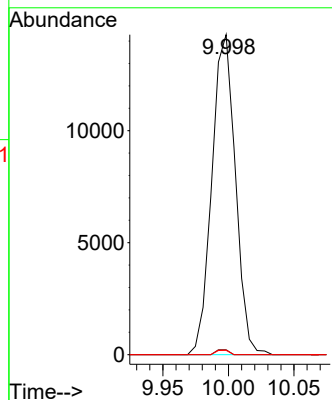
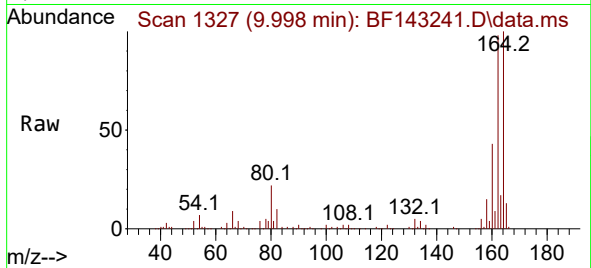




#51  
2,6-Dinitrotoluene  
Concen: 9.900 ng  
RT: 9.998 min Scan# 11  
Delta R.T. 0.224 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

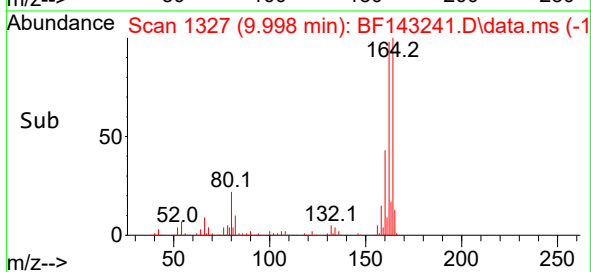
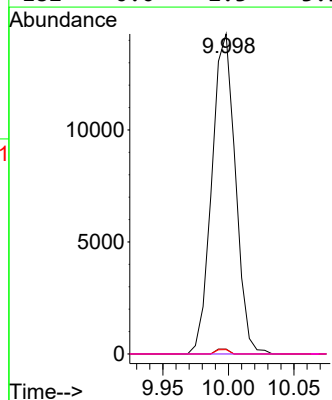
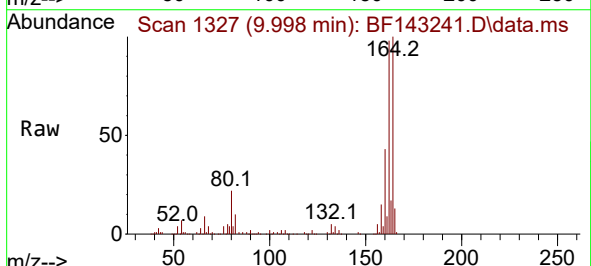
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

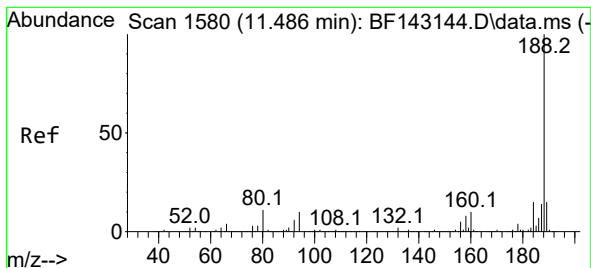
Tgt Ion:165 Resp: 17850  
Ion Ratio Lower Upper  
165 100  
63 1.6 49.4 74.2#  
89 1.3 46.2 69.2#



#57  
2,4-Dinitrotoluene  
Concen: 7.891 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. -0.176 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion:165 Resp: 17850  
Ion Ratio Lower Upper  
165 100  
63 1.6 41.0 61.4#  
89 1.3 61.1 91.7#  
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA\_F

ClientSampleId :

TP-3

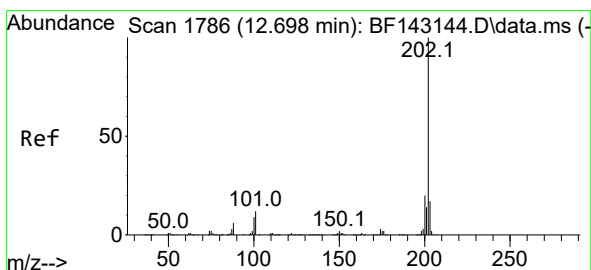
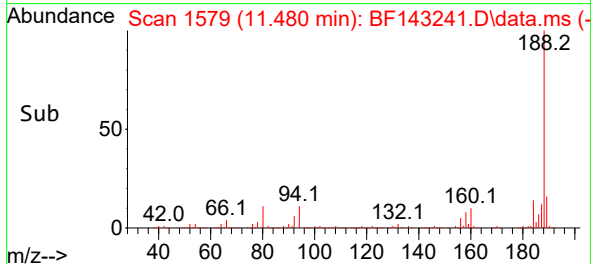
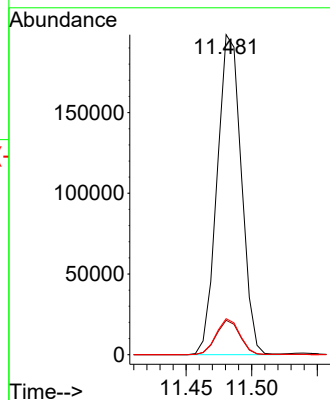
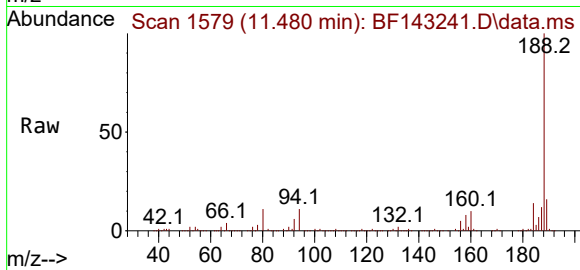
Tgt Ion:188 Resp: 254328

Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 11.3 9.0 13.6



#75

Fluoranthene

Concen: 2.014 ng

RT: 12.698 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

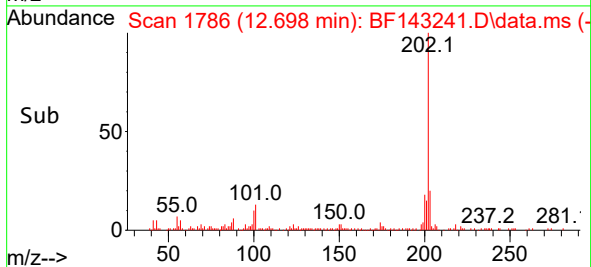
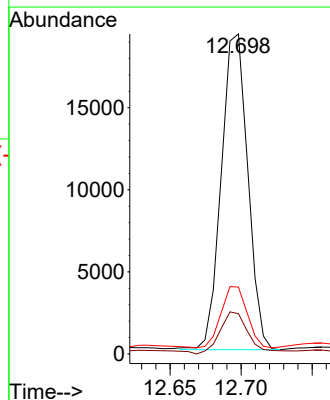
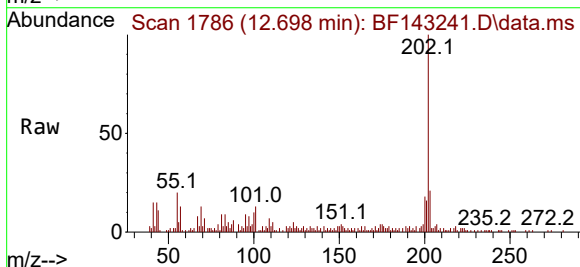
Tgt Ion:202 Resp: 24959

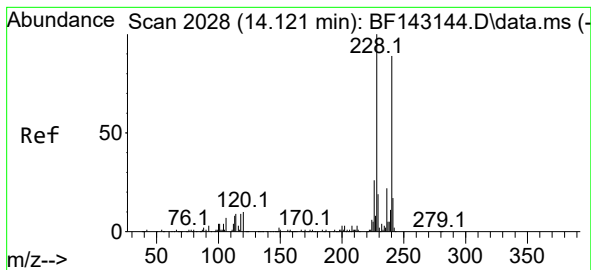
Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.7

203 20.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

Instrument :

BNA\_F

ClientSampleId :

TP-3

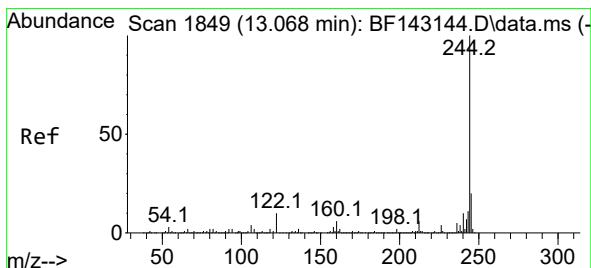
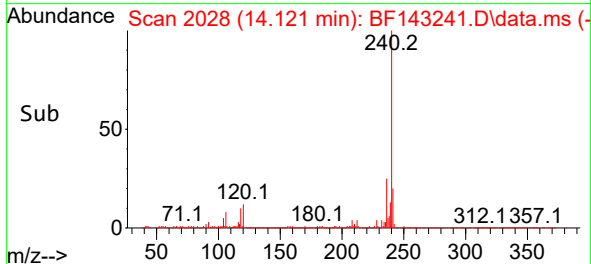
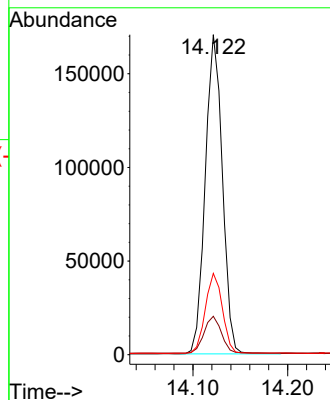
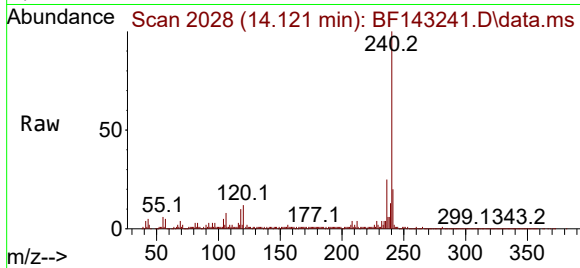
Tgt Ion:240 Resp: 213633

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 25.4 20.2 30.4



#79

Terphenyl-d14

Concen: 27.472 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143241.D

Acq: 24 Jul 2025 18:55

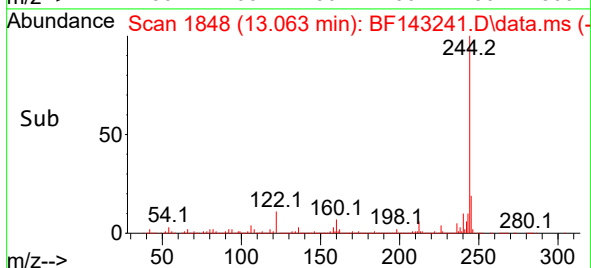
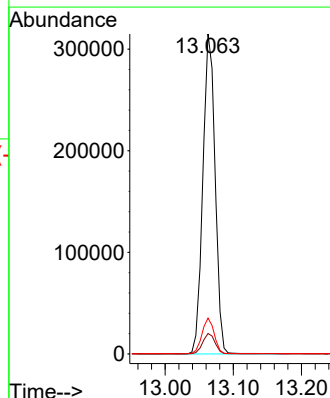
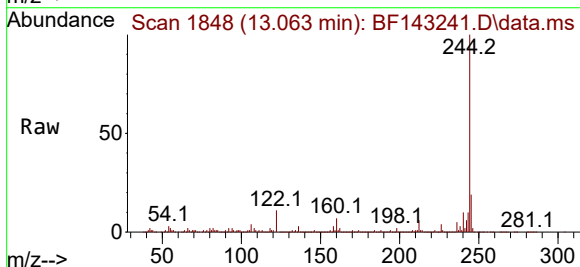
Tgt Ion:244 Resp: 394384

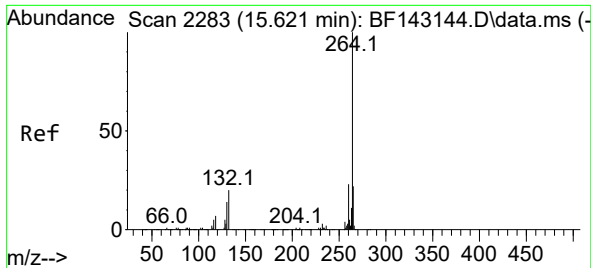
Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 11.2 8.2 12.2

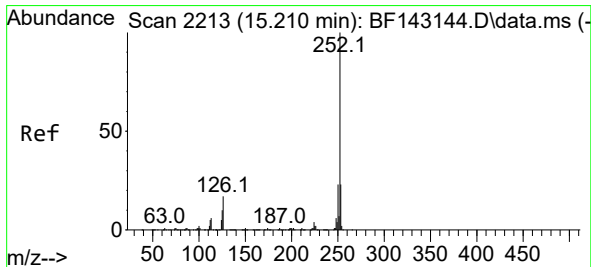
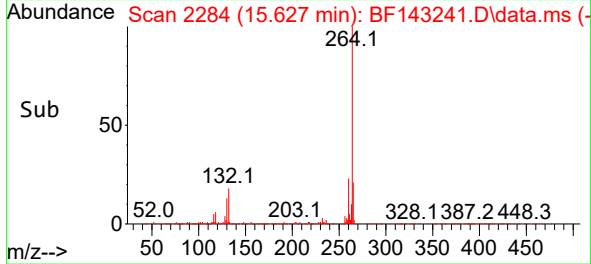
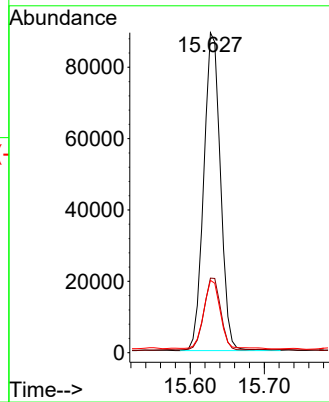
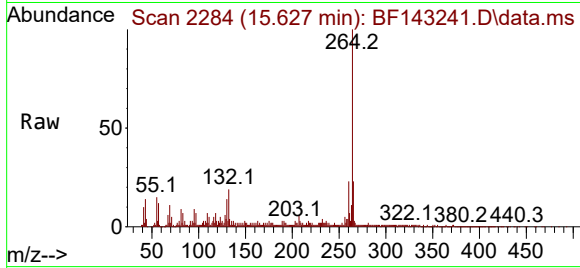




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.627 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3

Tgt Ion:264 Resp: 139335  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.5 27.7  
265 22.6 17.4 26.2



#89  
Benzo(k)fluoranthene  
Concen: 2.082 ng  
RT: 15.186 min Scan# 2209  
Delta R.T. -0.023 min  
Lab File: BF143241.D  
Acq: 24 Jul 2025 18:55

Tgt Ion:252 Resp: 15812  
Ion Ratio Lower Upper  
252 100  
253 58.1 17.8 26.6#  
125 45.0 8.1 12.1#

