

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072325\  
Data File : BF143214.D  
Acq On : 23 Jul 2025 16:30  
Operator : RC/JU  
Sample : PB168948BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB168948BL

Quant Time: Jul 23 17:01:56 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  | 130534   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 502795   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 278326   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.486 | 188  | 500788   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.121 | 240  | 303819   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.621 | 264  | 276240   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.604  | 112  | 950286   | 115.203 | ng    | 0.02     |
| 7) Phenol-d6                | 6.586  | 99   | 1206637  | 116.217 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 806060   | 79.913  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330  | 358095   | 124.543 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1522826  | 74.828  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.068 | 244  | 1633766  | 80.022  | ng    | 0.00     |

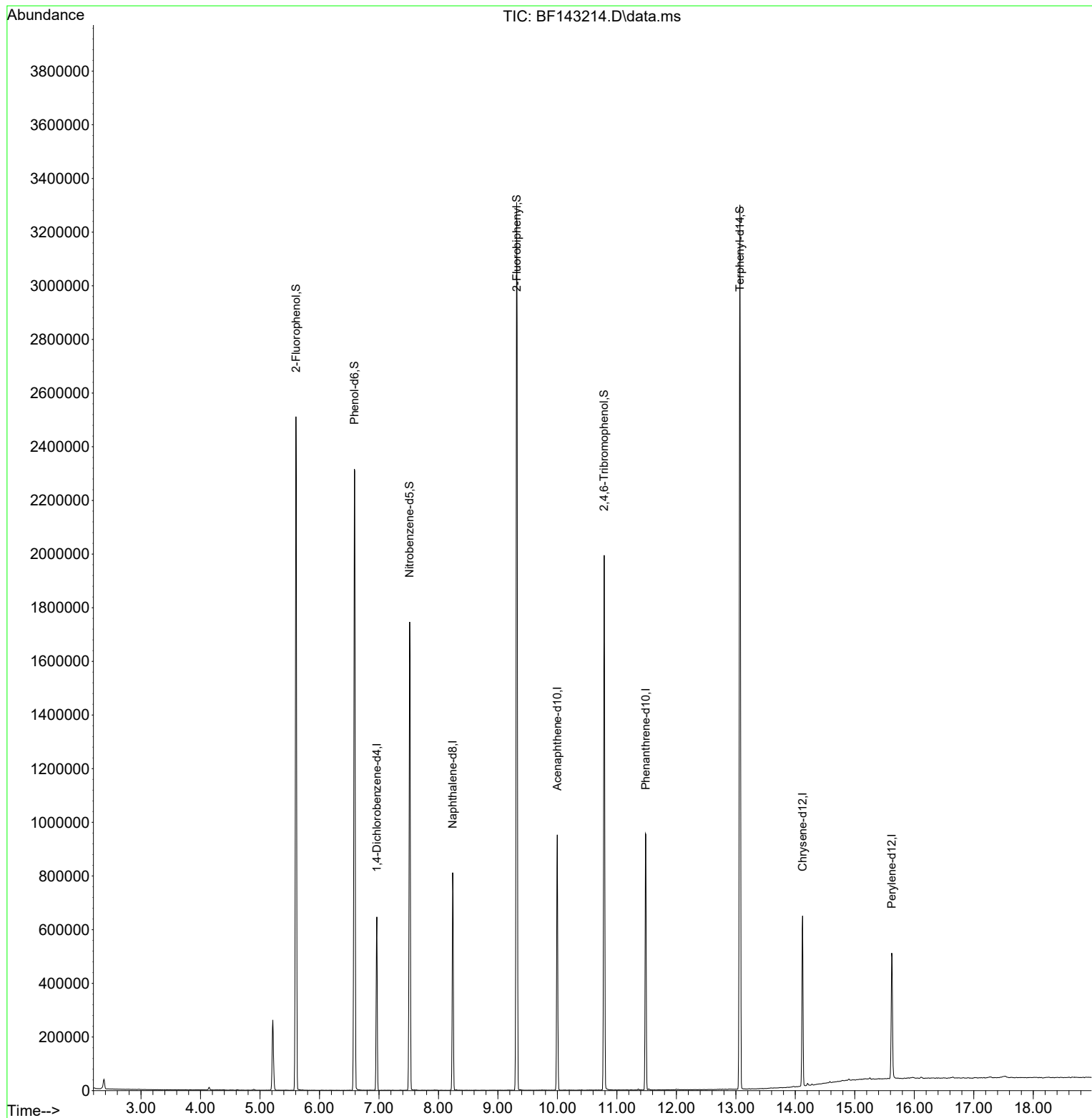
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

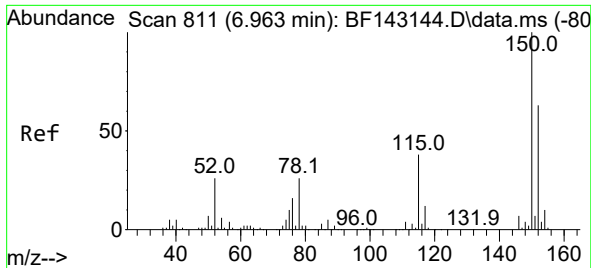
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072325\  
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Sample : PB168948BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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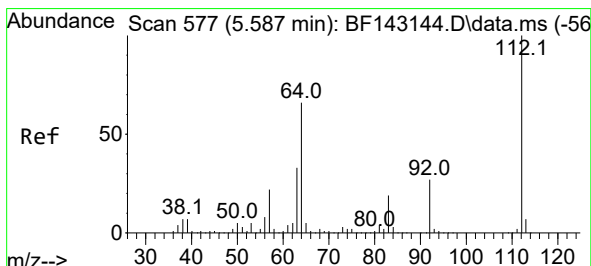
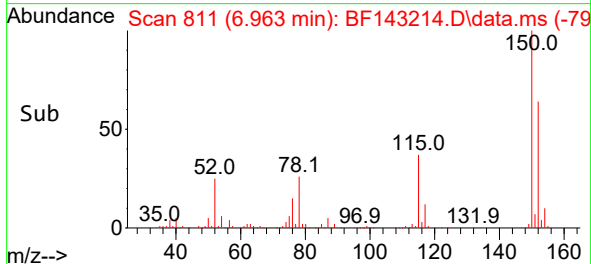
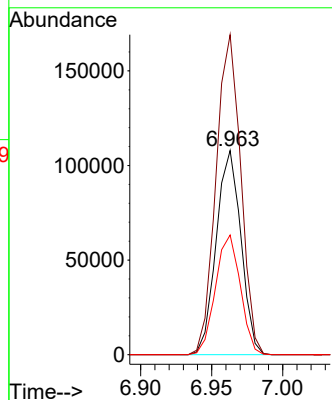
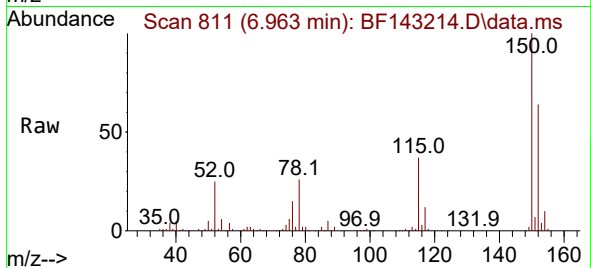




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

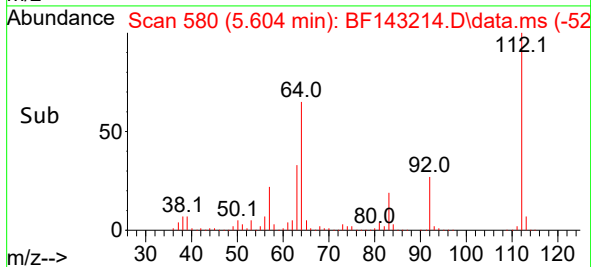
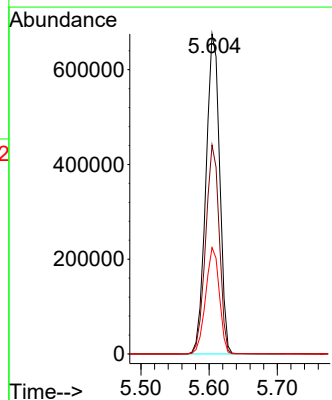
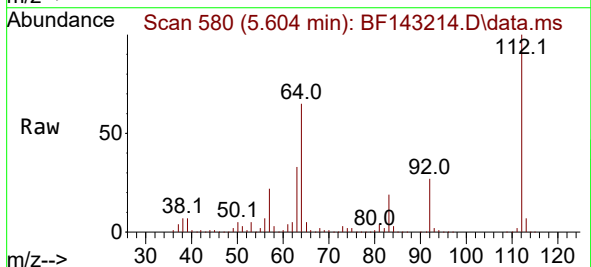
Instrument :  
BNA\_F  
ClientSampleId :  
PB168948BL

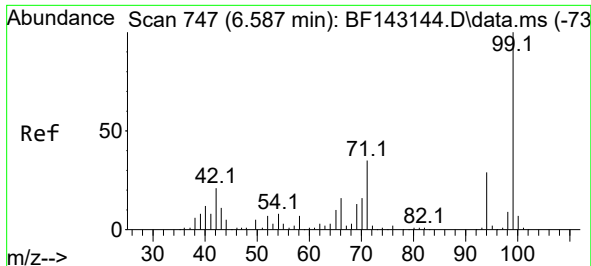
Tgt Ion:152 Resp: 130534  
Ion Ratio Lower Upper  
152 100  
150 156.7 128.2 192.4  
115 58.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 115.203 ng  
RT: 5.604 min Scan# 580  
Delta R.T. 0.018 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

Tgt Ion:112 Resp: 950286  
Ion Ratio Lower Upper  
112 100  
64 65.2 53.1 79.7  
63 33.2 26.6 40.0

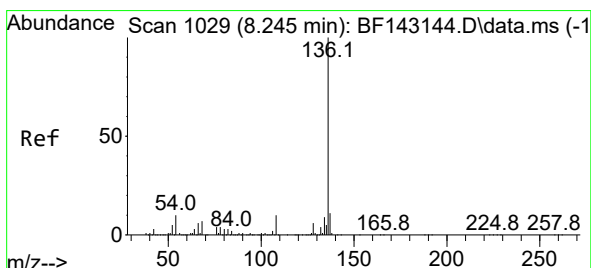
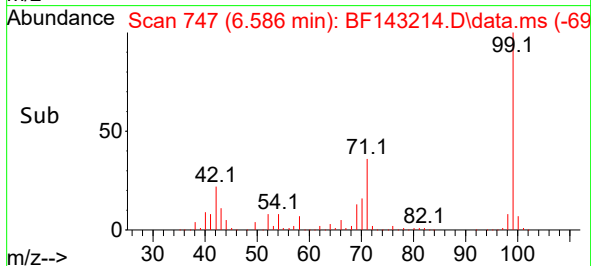
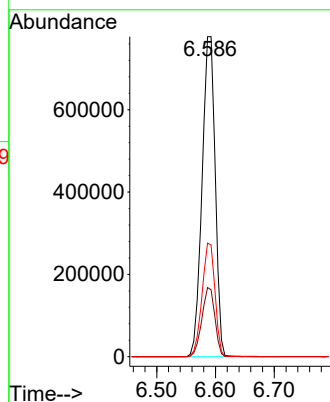
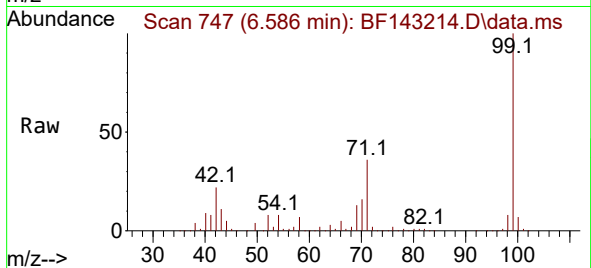




#7  
Phenol-d6  
Concen: 116.217 ng  
RT: 6.586 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

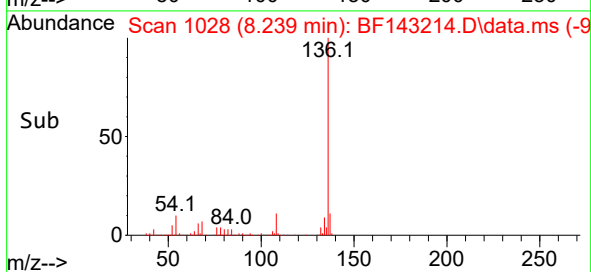
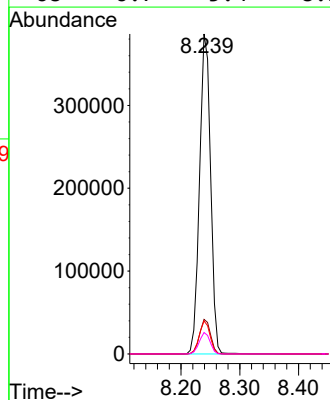
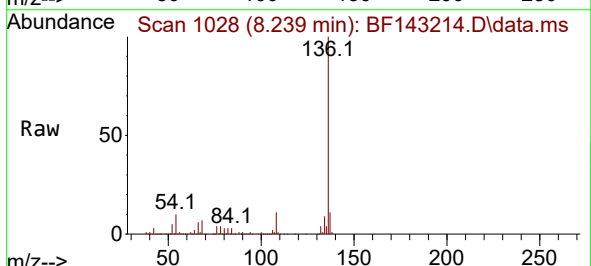
Instrument :  
BNA\_F  
ClientSampleId :  
PB168948BL

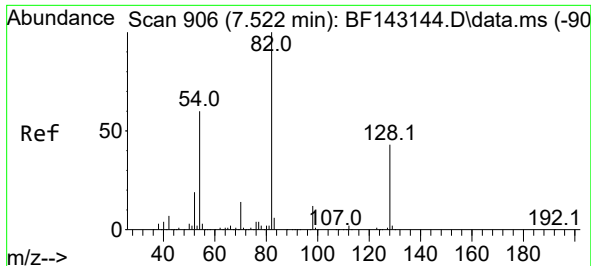
Tgt Ion: 99 Resp: 1206637  
Ion Ratio Lower Upper  
99 100  
42 21.6 17.0 25.6  
71 35.5 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

Tgt Ion: 136 Resp: 502795  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 10.3 8.2 12.2  
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.913 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

Instrument :

BNA\_F

ClientSampleId :

PB168948BL

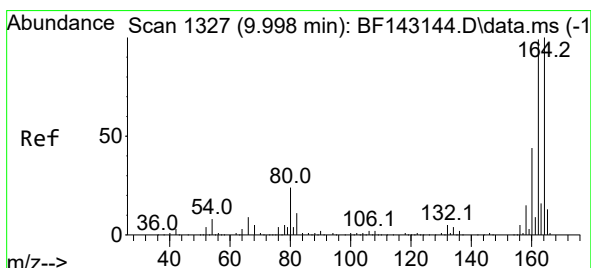
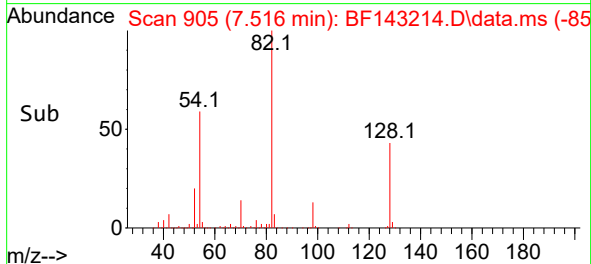
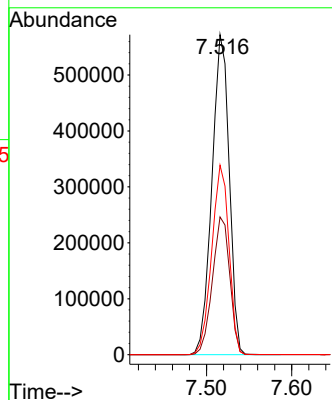
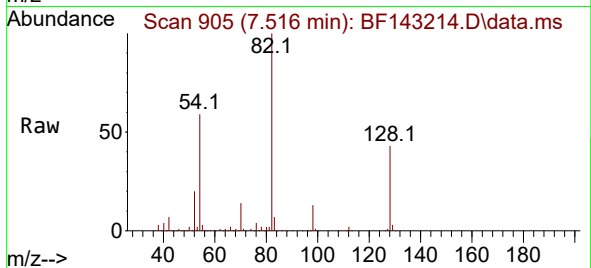
Tgt Ion: 82 Resp: 806060

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 59.2 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

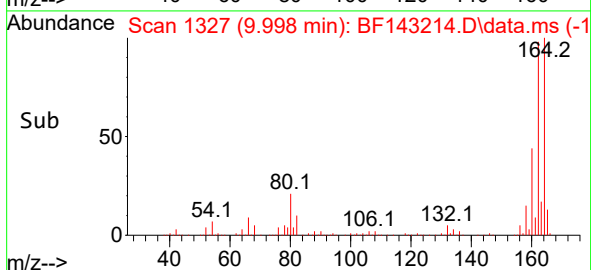
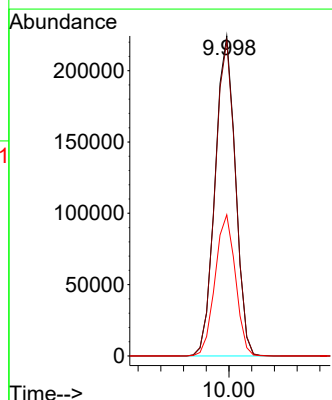
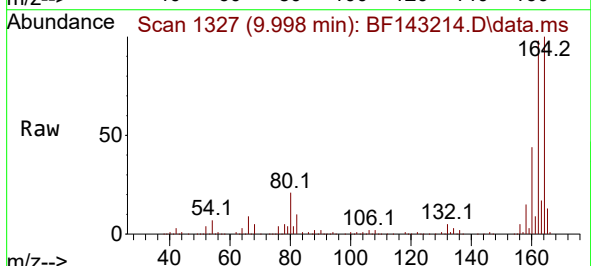
Tgt Ion: 164 Resp: 278326

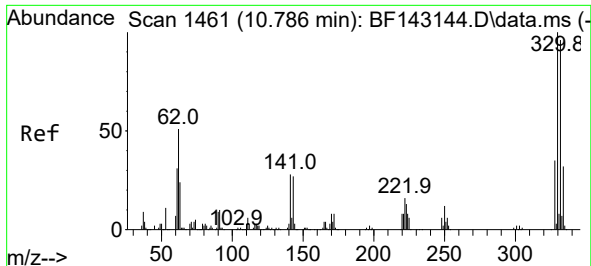
Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

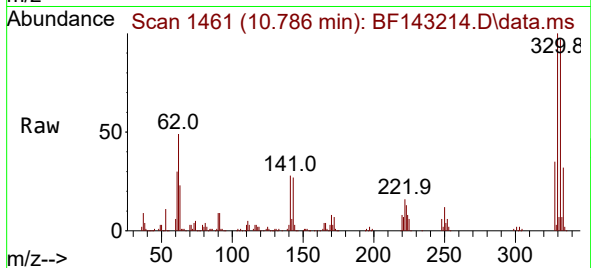
160 44.1 35.1 52.7



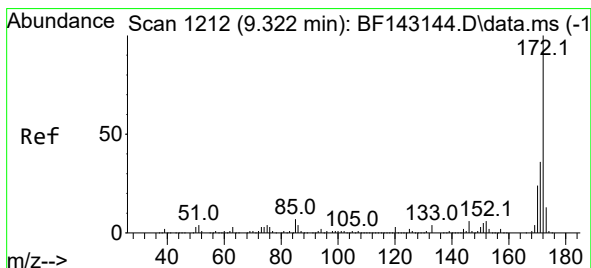
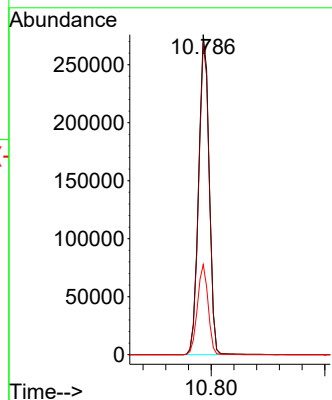
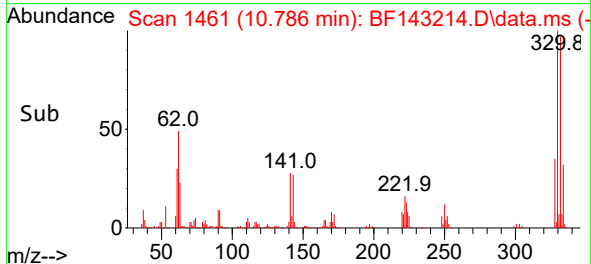


#42  
2,4,6-Tribromophenol  
Concen: 124.543 ng  
RT: 10.786 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

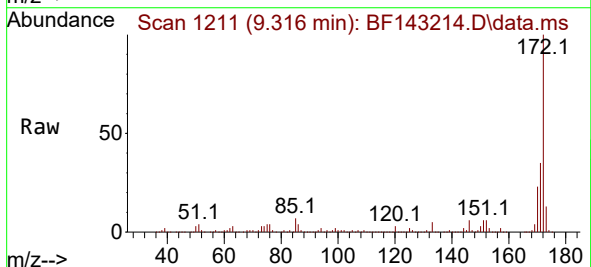
Instrument :  
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ClientSampleId :  
PB168948BL



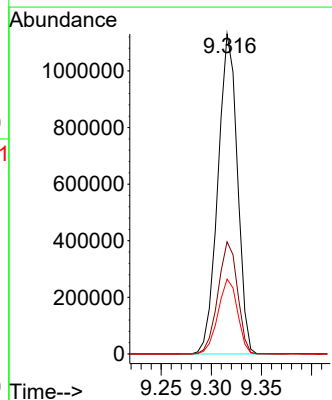
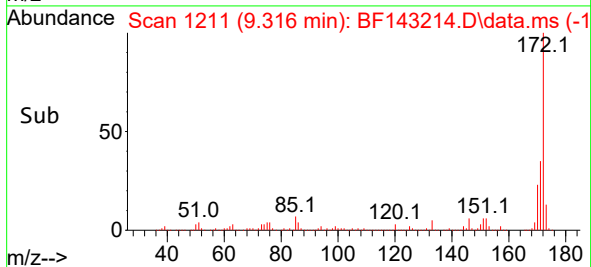
Tgt Ion:330 Resp: 358095  
Ion Ratio Lower Upper  
330 100  
332 97.5 76.7 115.1  
141 28.4 23.3 34.9

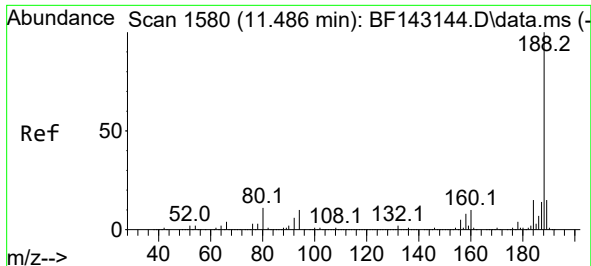


#45  
2-Fluorobiphenyl  
Concen: 74.828 ng  
RT: 9.316 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30



Tgt Ion:172 Resp: 1522826  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.4 18.8 28.2

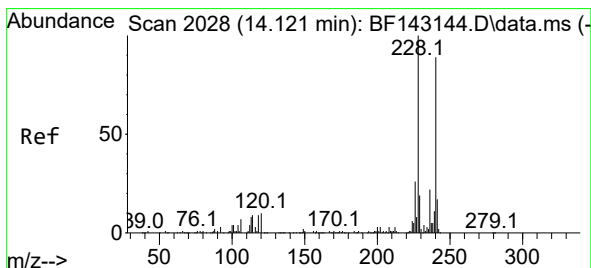
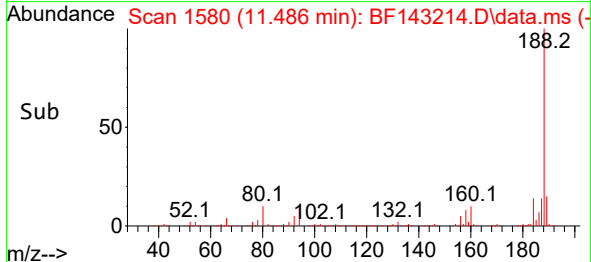
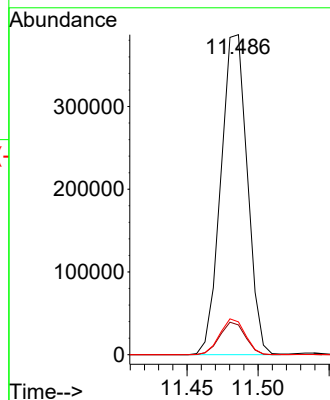
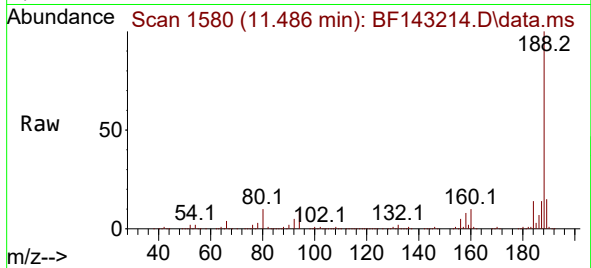




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

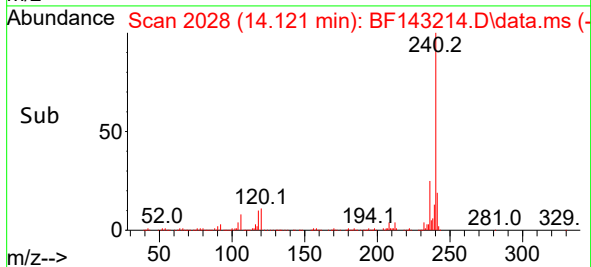
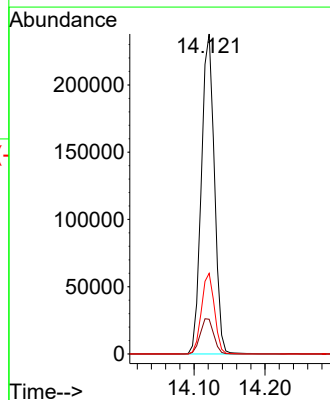
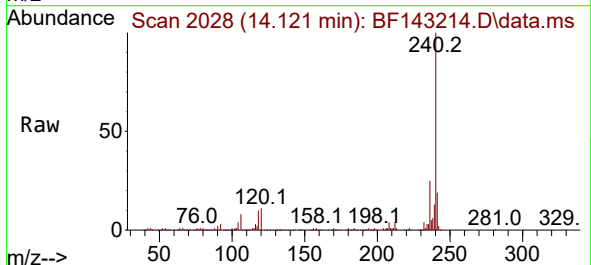
Instrument :  
BNA\_F  
ClientSampleId :  
PB168948BL

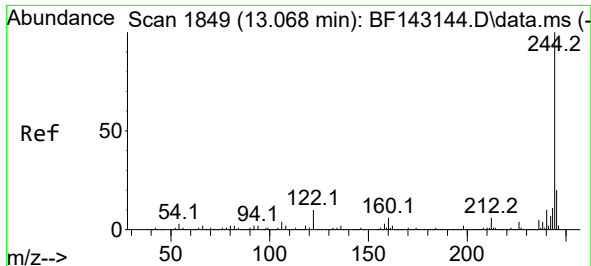
Tgt Ion:188 Resp: 500788  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.3 12.5  
80 10.2 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.121 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF143214.D  
Acq: 23 Jul 2025 16:30

Tgt Ion:240 Resp: 303819  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.4 14.2  
236 25.2 20.2 30.4

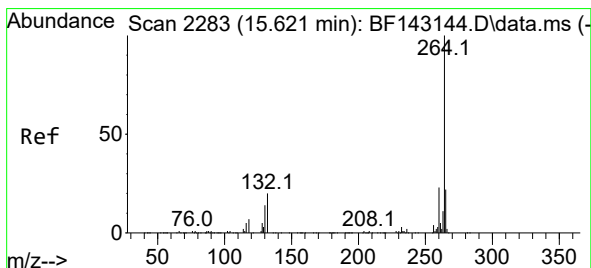
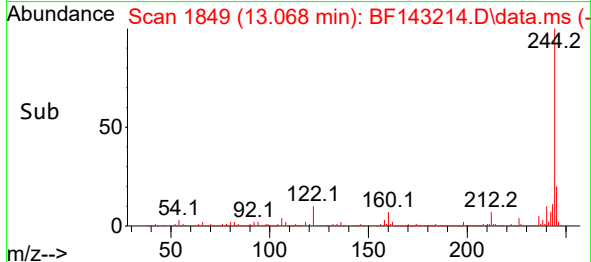
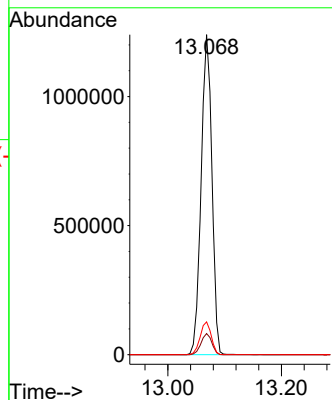
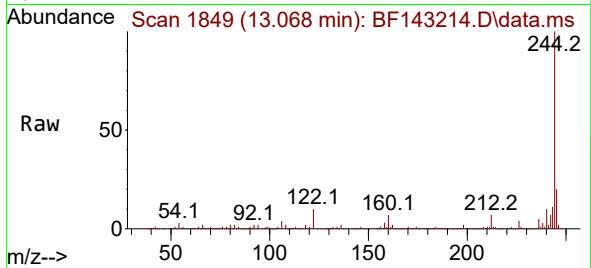




#79  
 Terphenyl-d14  
 Concen: 80.022 ng  
 RT: 13.068 min Scan# 1849  
 Delta R.T. -0.000 min  
 Lab File: BF143214.D  
 Acq: 23 Jul 2025 16:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168948BL

Tgt Ion:244 Resp: 1633766  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.2 7.8  
 122 10.3 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.621 min Scan# 2283  
 Delta R.T. -0.000 min  
 Lab File: BF143214.D  
 Acq: 23 Jul 2025 16:30

Tgt Ion:264 Resp: 276240  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 18.5 27.7  
 265 21.6 17.4 26.2

