

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120225\  
 Data File : BF144409.D  
 Acq On : 02 Dec 2025 18:19  
 Operator : RC/JU  
 Sample : Q3746-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROW

Quant Time: Dec 02 23:47:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 38118    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.145  | 136  | 142017   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.898  | 164  | 69138    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 105135   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 112776   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.521 | 264  | 132325   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 258303   | 106.042 | ng    | 0.00     |
| 7) Phenol-d6                | 6.493  | 99   | 282900   | 102.499 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 175143   | 71.227  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 78099    | 90.017  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 333987   | 71.347  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 321820   | 45.327  | ng    | -0.01    |

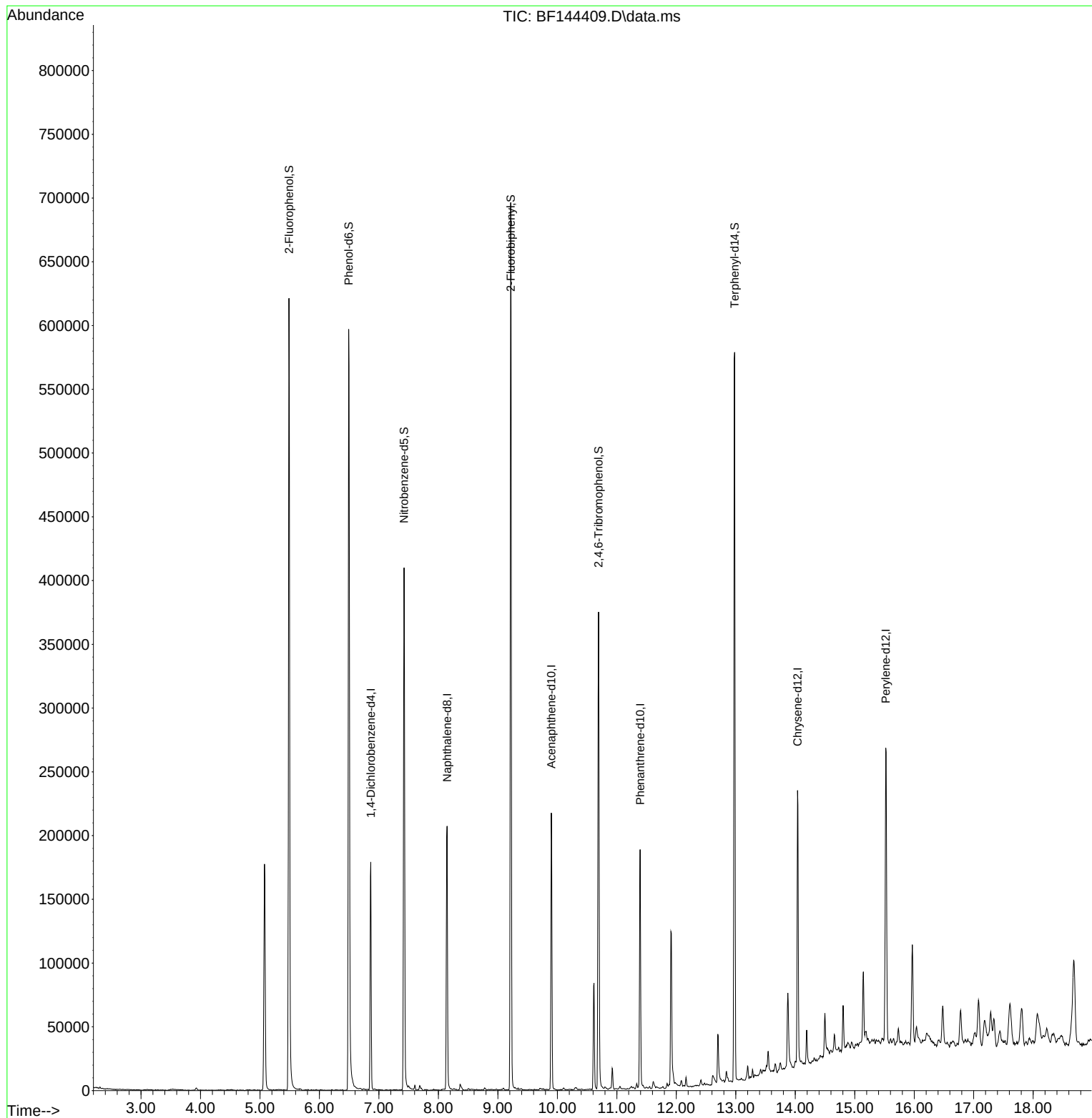
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

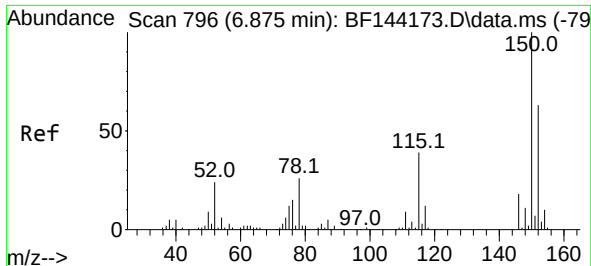
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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BNA\_F  
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ROW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 05 18:37:33 2025  
Response via : Initial Calibration

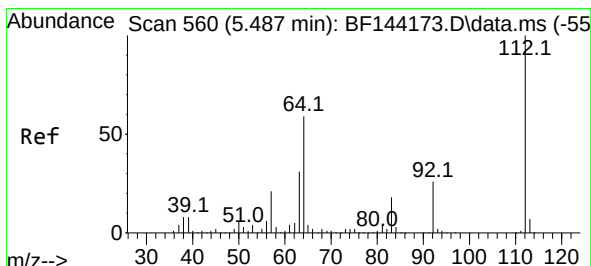
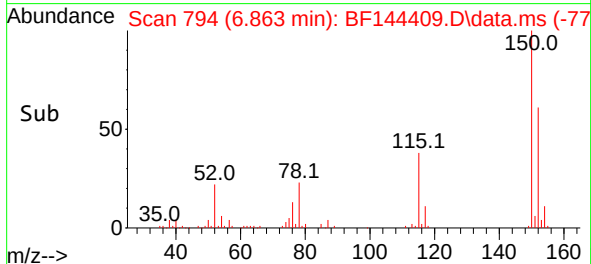
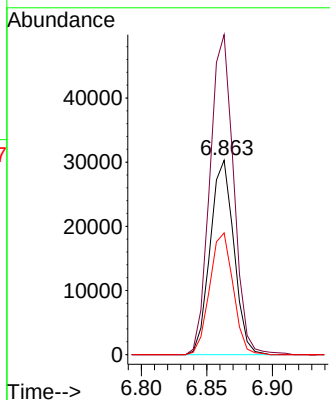
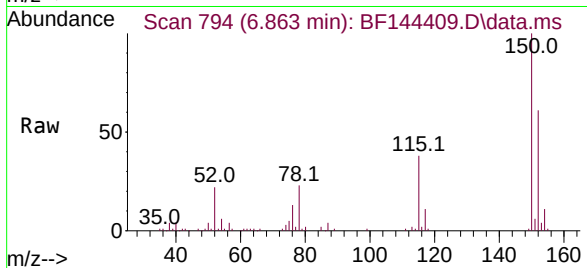




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 796  
Delta R.T. -0.012 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

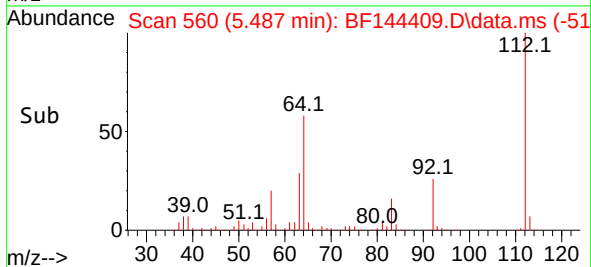
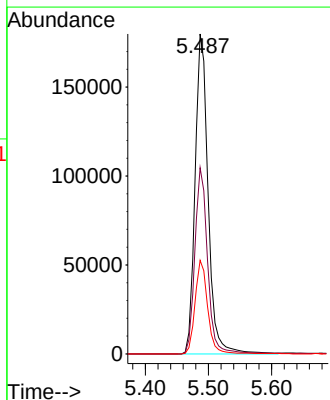
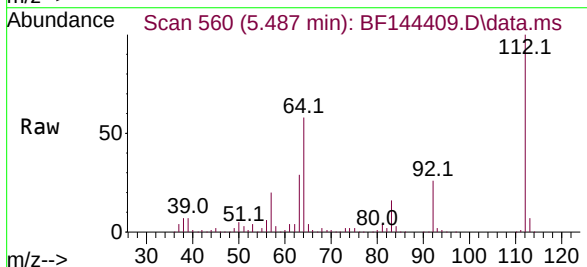
Instrument :  
BNA\_F  
ClientSampleId :  
ROW

Tgt Ion:152 Resp: 38118  
Ion Ratio Lower Upper  
152 100  
150 164.7 127.4 191.0  
115 62.6 49.5 74.3



#5  
2-Fluorophenol  
Concen: 106.042 ng  
RT: 5.487 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

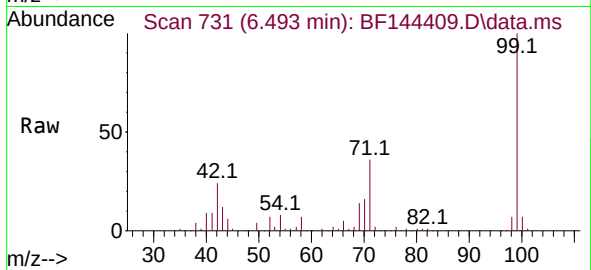
Tgt Ion:112 Resp: 258303  
Ion Ratio Lower Upper  
112 100  
64 58.2 47.2 70.8  
63 29.3 24.4 36.6



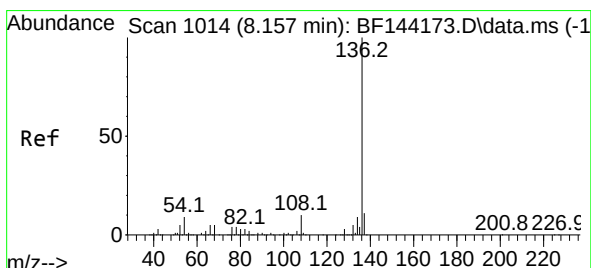
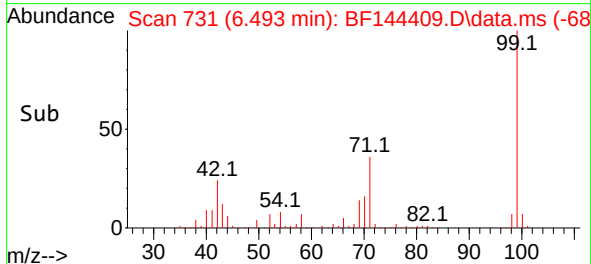
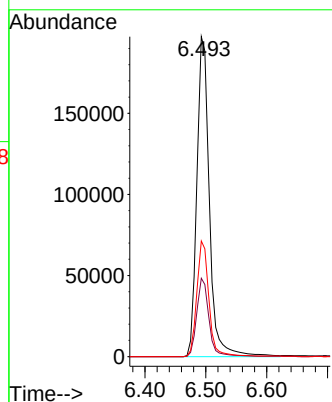


#7  
Phenol-d6  
Concen: 102.499 ng  
RT: 6.493 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

Instrument :  
BNA\_F  
ClientSampleId :  
ROW

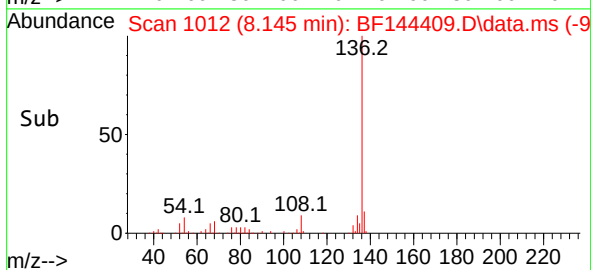
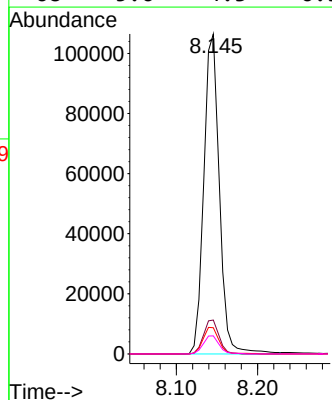
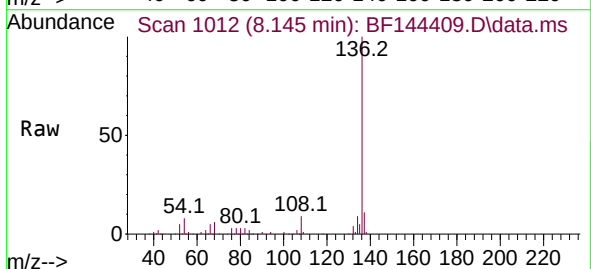


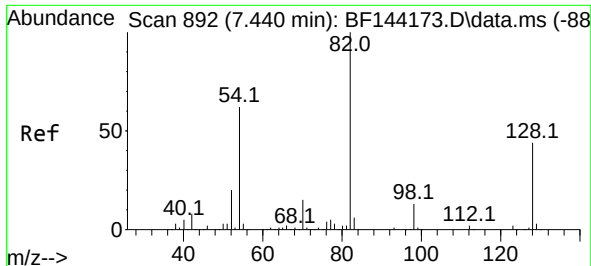
| Tgt Ion: | 99    | Resp: | 282900 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 24.5  | 20.9  | 31.3   |
| 71       | 36.1  | 31.4  | 47.2   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

| Tgt Ion: | 136   | Resp: | 142017 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.6   | 13.0   |
| 54       | 8.2   | 7.0   | 10.6   |
| 68       | 5.6   | 4.3   | 6.5    |





#23

Nitrobenzene-d5

Concen: 71.227 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144409.D

Acq: 02 Dec 2025 18:19

Instrument :

BNA\_F

ClientSampleId :

ROW

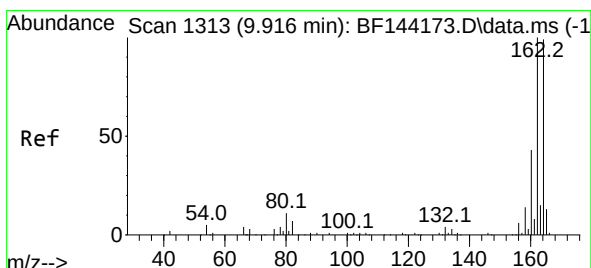
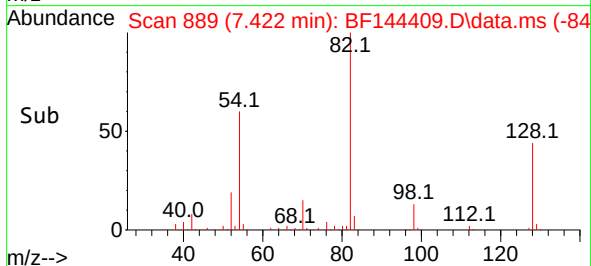
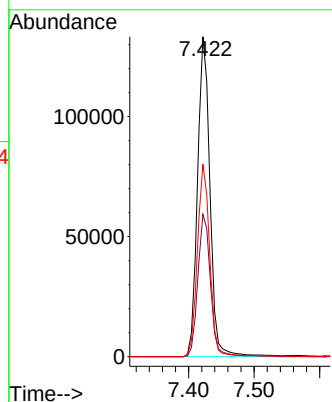
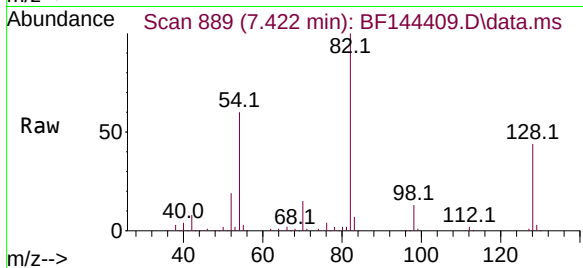
Tgt Ion: 82 Resp: 175143

Ion Ratio Lower Upper

82 100

128 44.4 34.7 52.1

54 60.1 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144409.D

Acq: 02 Dec 2025 18:19

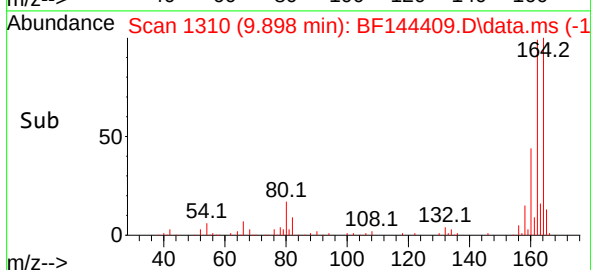
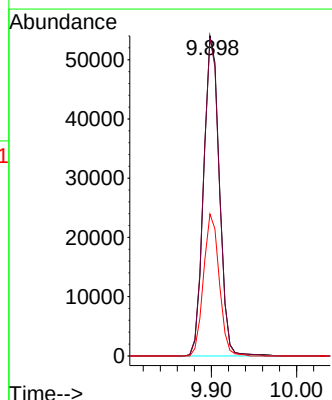
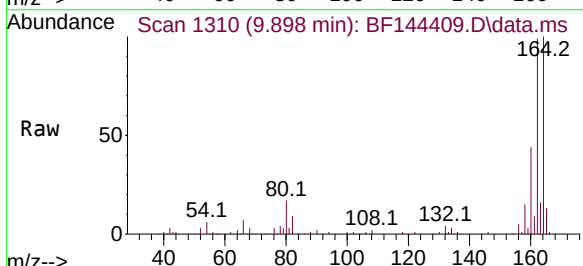
Tgt Ion:164 Resp: 69138

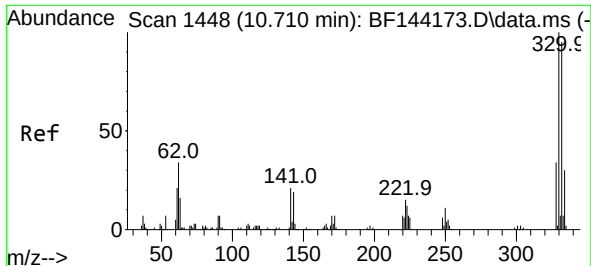
Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

160 44.3 34.5 51.7

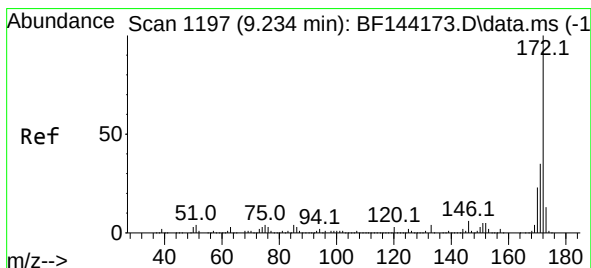
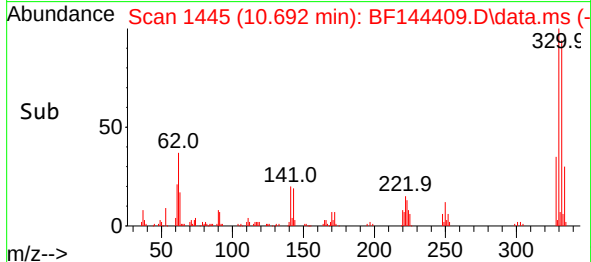
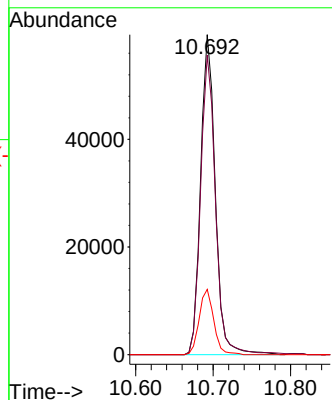
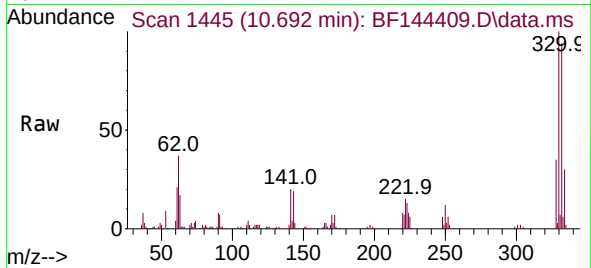




#42  
2,4,6-Tribromophenol  
Concen: 90.017 ng  
RT: 10.692 min Scan# 1445  
Delta R.T. -0.012 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

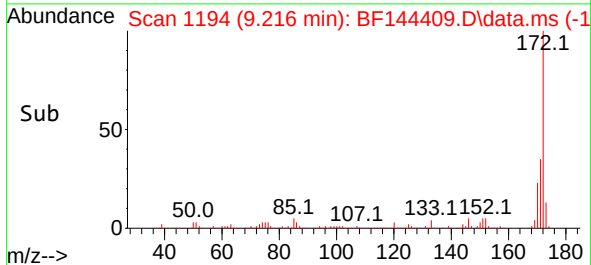
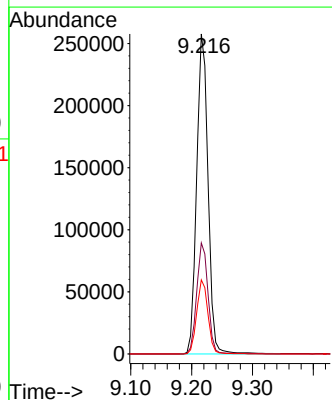
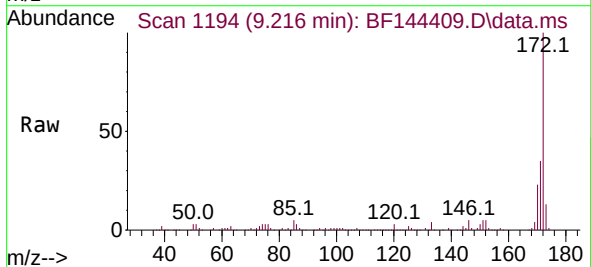
Instrument :  
BNA\_F  
ClientSampleId :  
ROW

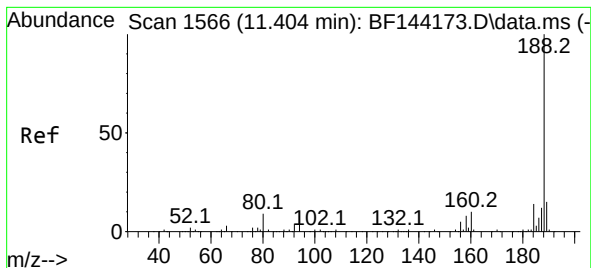
Tgt Ion:330 Resp: 78099  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.7 115.1  
141 20.2 17.8 26.8



#45  
2-Fluorobiphenyl  
Concen: 71.347 ng  
RT: 9.216 min Scan# 1194  
Delta R.T. -0.012 min  
Lab File: BF144409.D  
Acq: 02 Dec 2025 18:19

Tgt Ion:172 Resp: 333987  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.1 42.1  
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144409.D

Acq: 02 Dec 2025 18:19

Instrument :

BNA\_F

ClientSampleId :

ROW

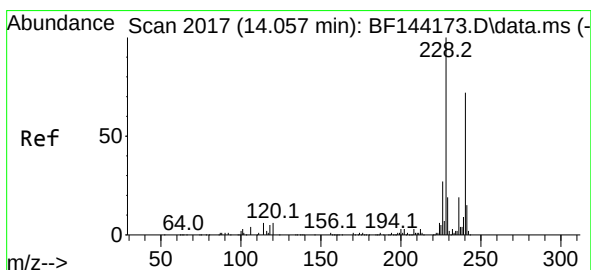
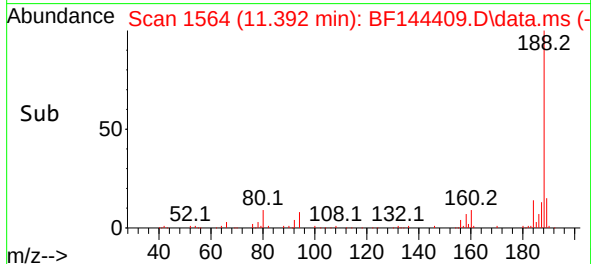
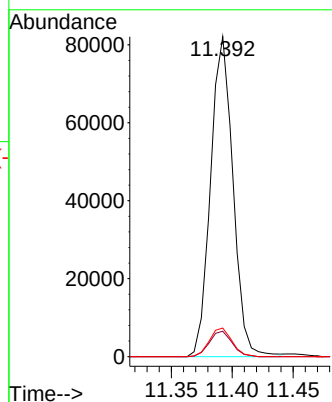
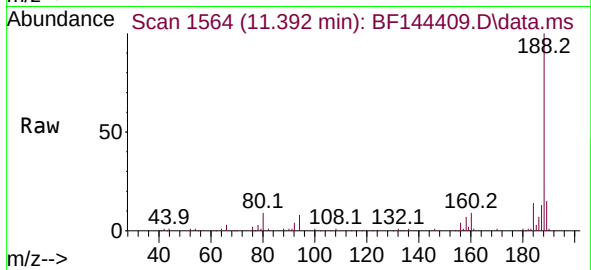
Tgt Ion:188 Resp: 105135

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144409.D

Acq: 02 Dec 2025 18:19

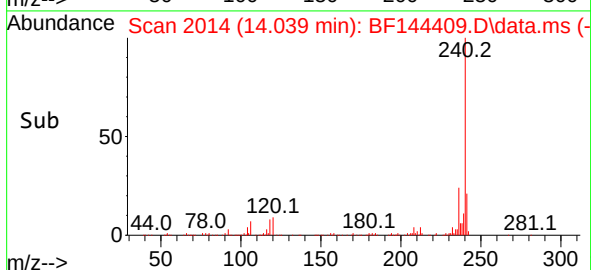
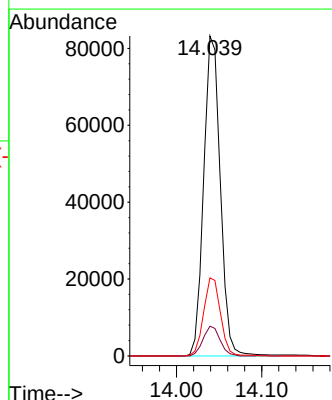
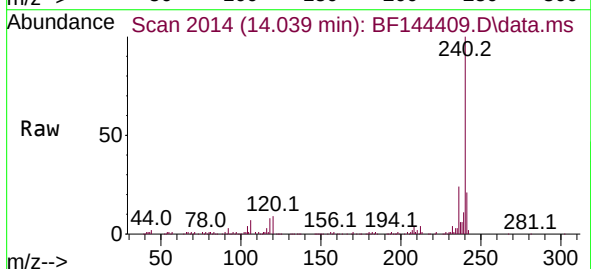
Tgt Ion:240 Resp: 112776

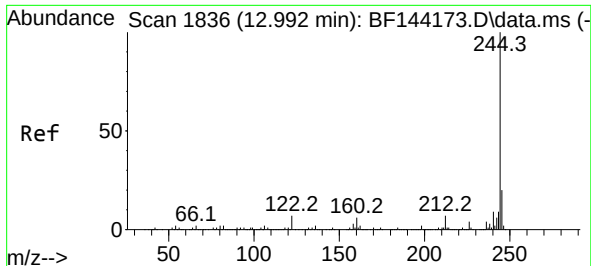
Ion Ratio Lower Upper

240 100

120 9.3 6.6 10.0

236 24.4 21.4 32.2

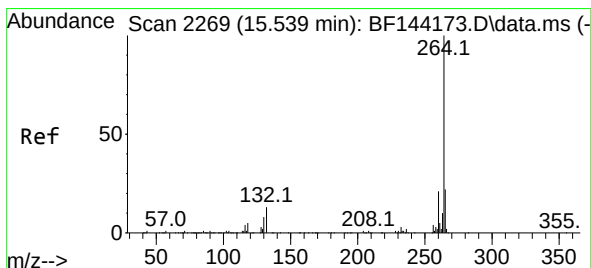
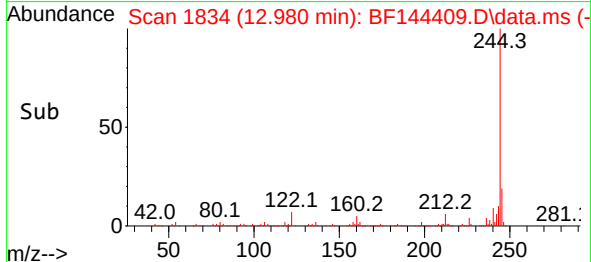
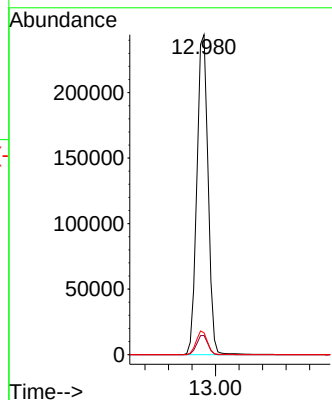
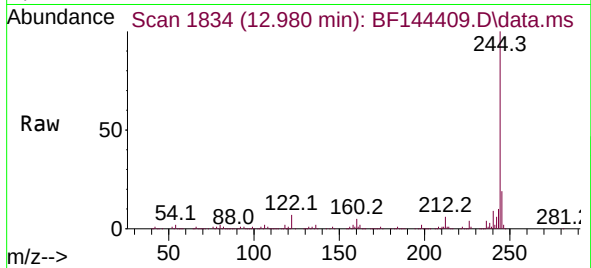




#79  
 Terphenyl-d14  
 Concen: 45.327 ng  
 RT: 12.980 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF144409.D  
 Acq: 02 Dec 2025 18:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROW

Tgt Ion:244 Resp: 321820  
 Ion Ratio Lower Upper  
 244 100  
 212 6.0 5.3 7.9  
 122 6.8 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2266  
 Delta R.T. -0.018 min  
 Lab File: BF144409.D  
 Acq: 02 Dec 2025 18:19

Tgt Ion:264 Resp: 132325  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 17.1 25.7  
 265 21.7 17.4 26.0

