

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020425\  
 Data File : BF141399.D  
 Acq On : 04 Feb 2025 11:08  
 Operator : RC/JU  
 Sample : PB166483BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166483BL

Quant Time: Feb 04 11:34:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.786  | 152  | 74401    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.069  | 136  | 304159   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.827  | 164  | 164089   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 292057   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.957 | 240  | 229065   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.415 | 264  | 190566   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 688921   | 142.153 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 837310   | 135.813 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 556211   | 96.402  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 224937   | 149.528 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1046515  | 98.165  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.904 | 244  | 1271366  | 85.595  | ng    | -0.01    |

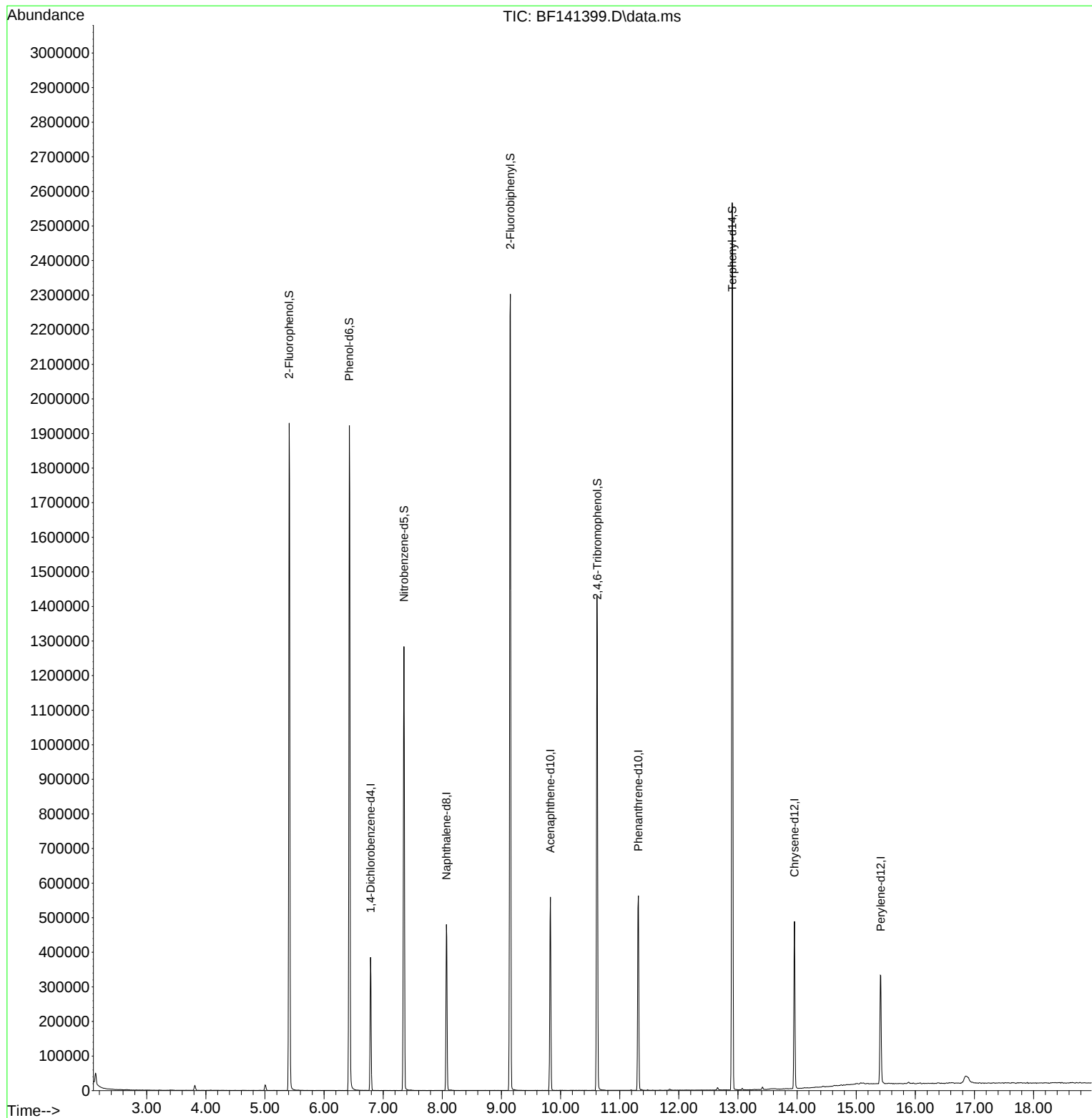
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

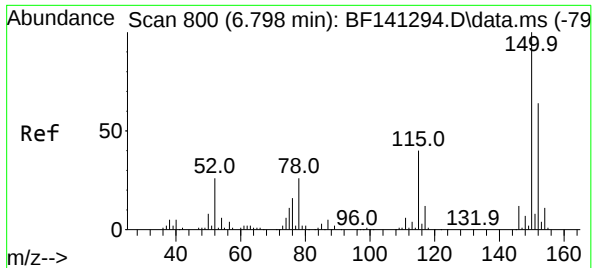
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020425\  
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Instrument :  
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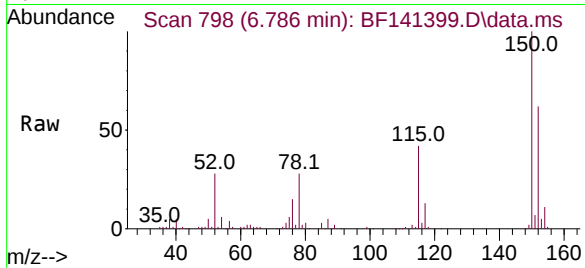
Quant Time: Feb 04 11:34:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 29 17:41:25 2025  
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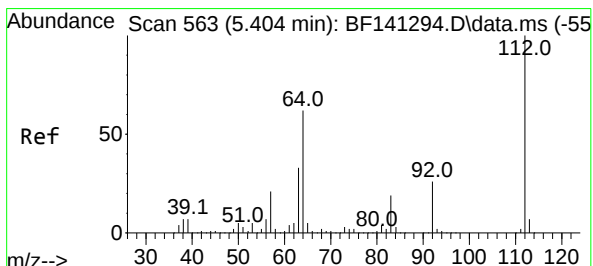
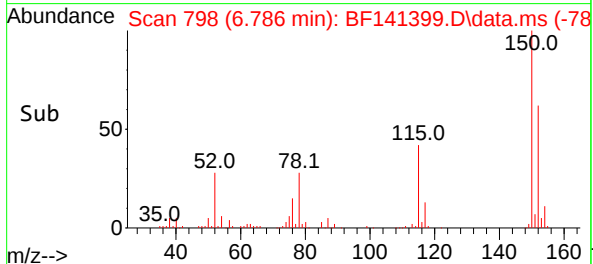
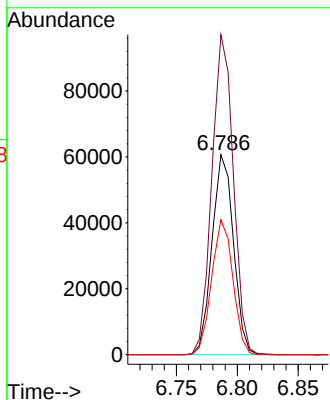


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 79  
Delta R.T. -0.018 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB166483BL

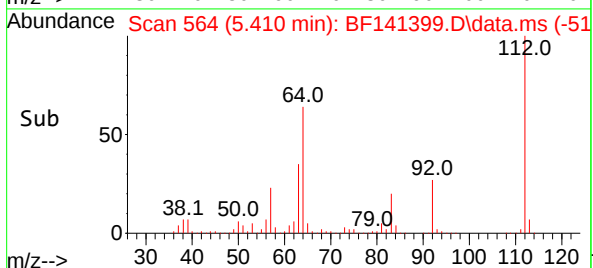
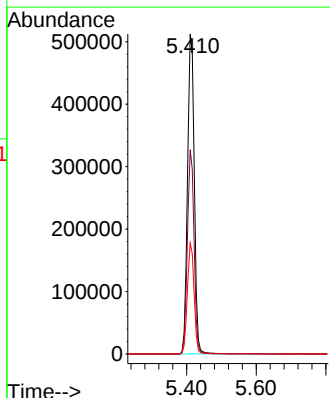
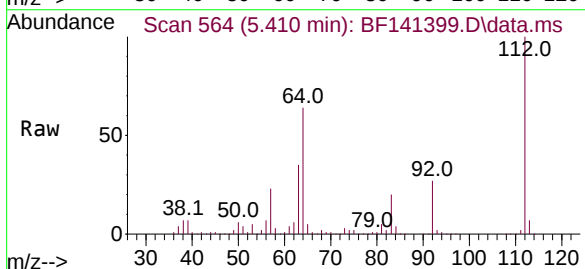


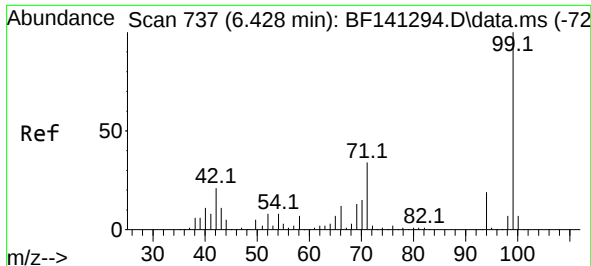
Tgt Ion:152 Resp: 74401  
Ion Ratio Lower Upper  
152 100  
150 160.0 125.9 188.9  
115 67.4 49.7 74.5



#5  
2-Fluorophenol  
Concen: 142.153 ng  
RT: 5.410 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

Tgt Ion:112 Resp: 688921  
Ion Ratio Lower Upper  
112 100  
64 63.8 49.8 74.8  
63 34.7 26.1 39.1

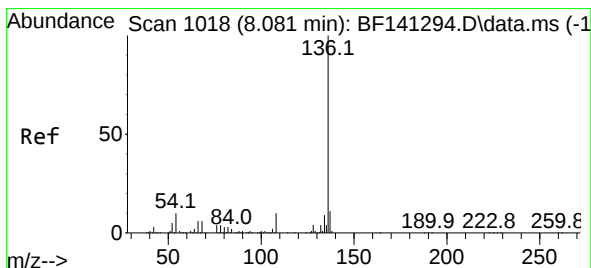
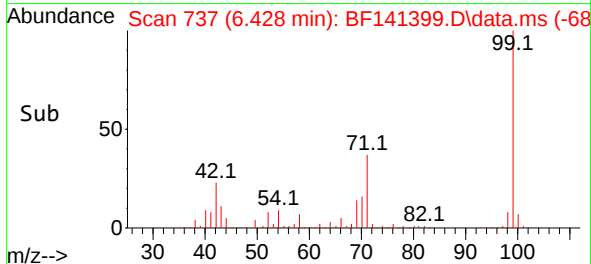
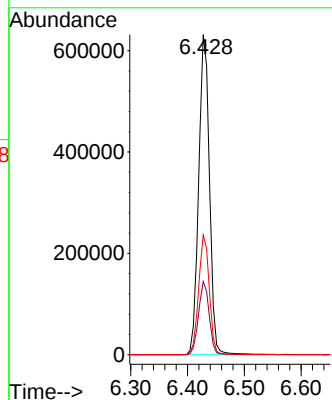
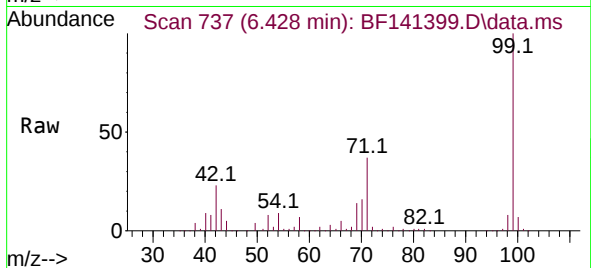




#7  
Phenol-d6  
Concen: 135.813 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

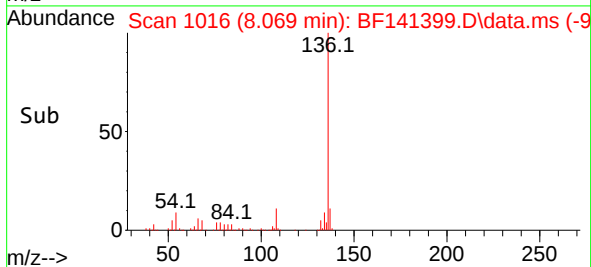
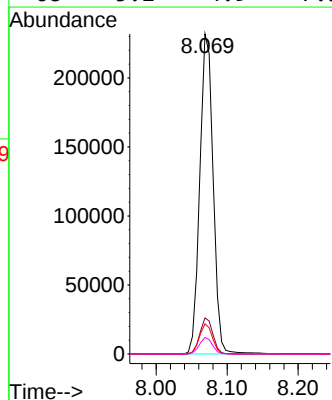
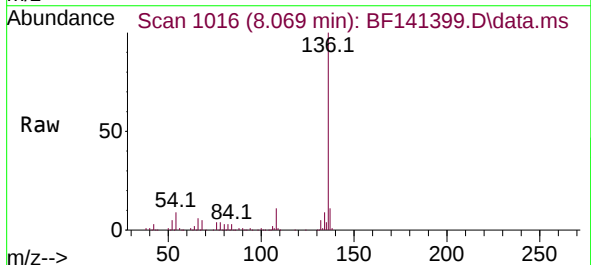
Instrument :  
BNA\_F  
ClientSampleId :  
PB166483BL

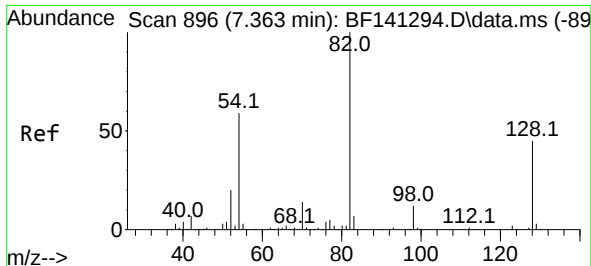
Tgt Ion: 99 Resp: 837310  
Ion Ratio Lower Upper  
99 100  
42 22.8 17.1 25.7  
71 37.5 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.018 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

Tgt Ion: 136 Resp: 304159  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.4 7.8 11.8  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.402 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

Instrument :

BNA\_F

ClientSampleId :

PB166483BL

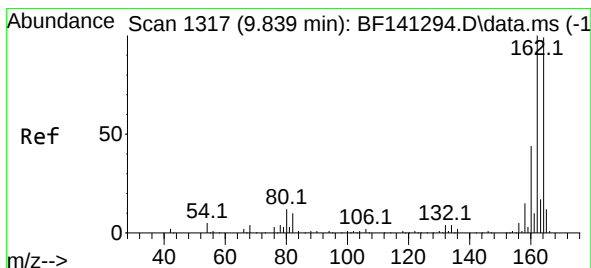
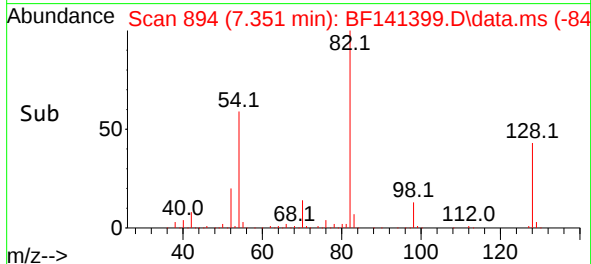
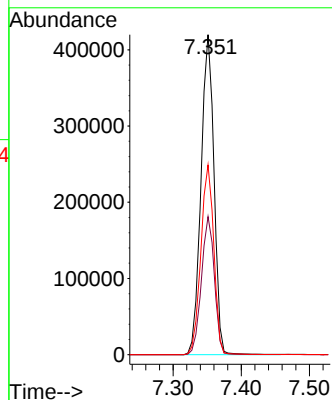
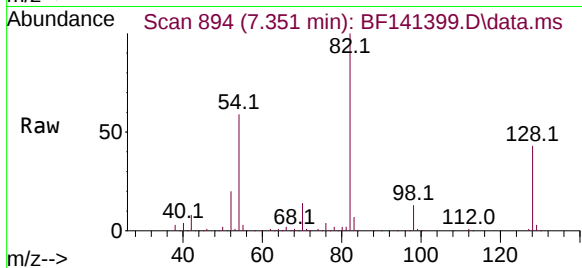
Tgt Ion: 82 Resp: 556211

Ion Ratio Lower Upper

82 100

128 43.2 35.7 53.5

54 59.3 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

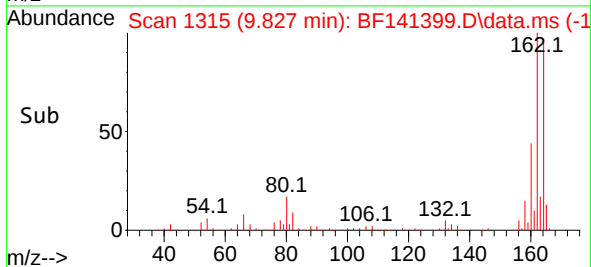
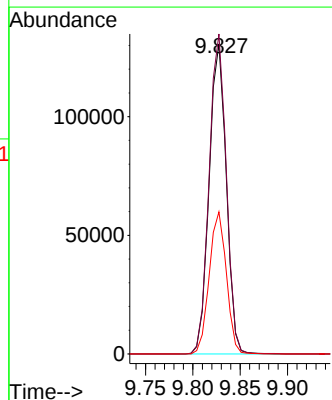
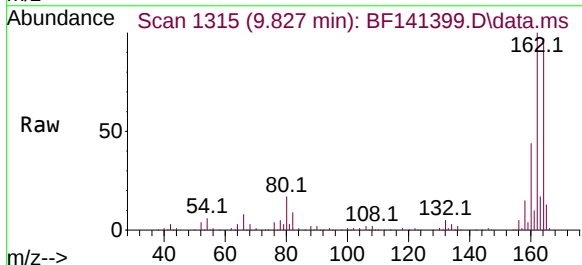
Tgt Ion:164 Resp: 164089

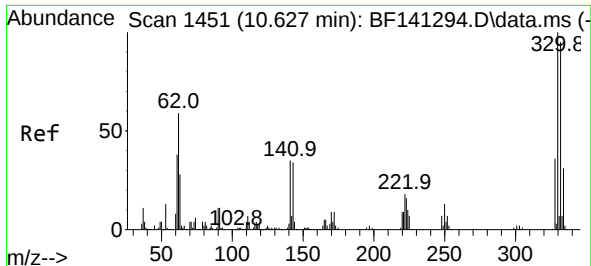
Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

160 45.8 35.8 53.6

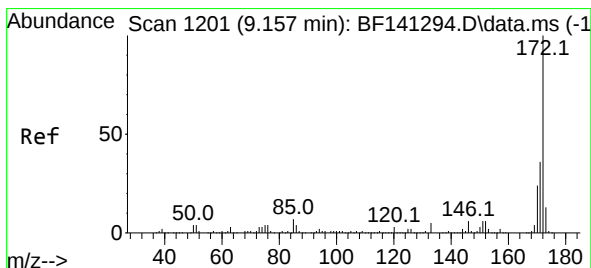
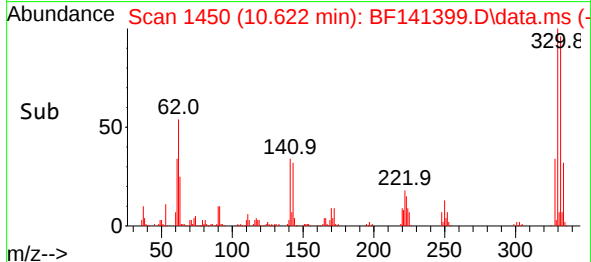
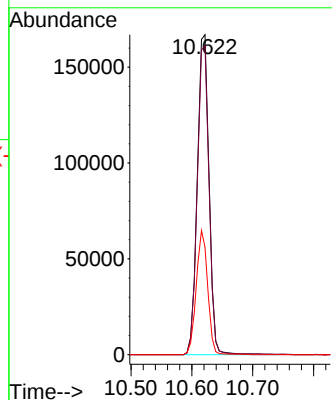
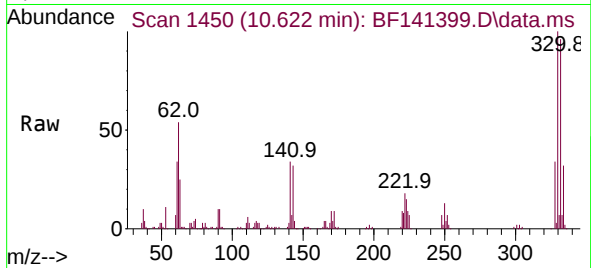




#42  
2,4,6-Tribromophenol  
Concen: 149.528 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

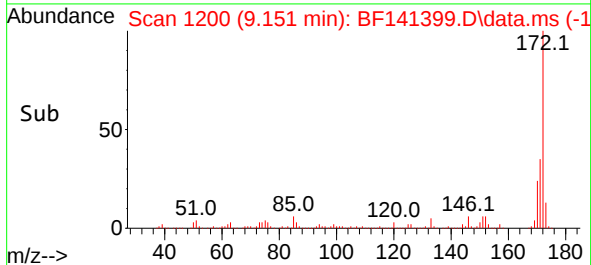
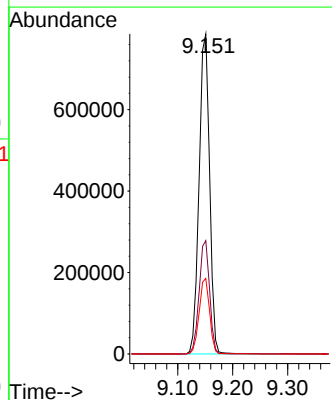
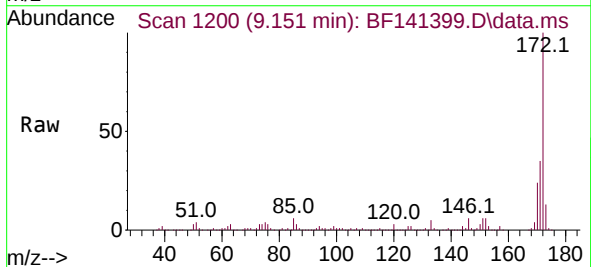
Instrument :  
BNA\_F  
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PB166483BL

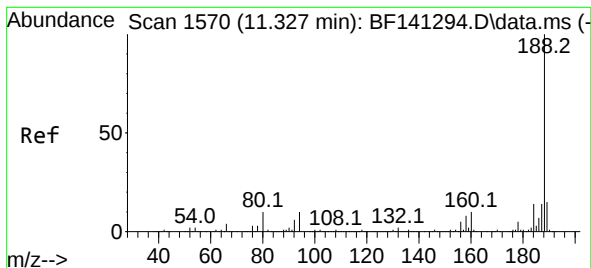
Tgt Ion:330 Resp: 224937  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.1 114.1  
141 37.6 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 98.165 ng  
RT: 9.151 min Scan# 1200  
Delta R.T. -0.012 min  
Lab File: BF141399.D  
Acq: 04 Feb 2025 11:08

Tgt Ion:172 Resp: 1046515  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

Instrument :

BNA\_F

ClientSampleId :

PB166483BL

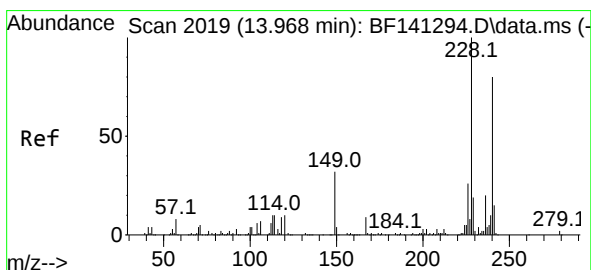
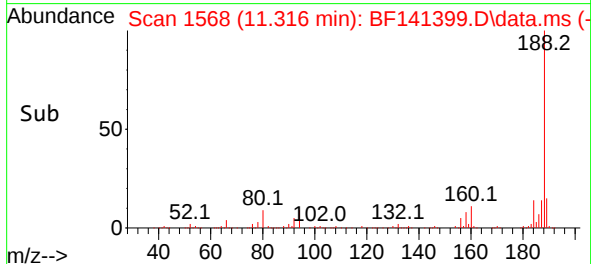
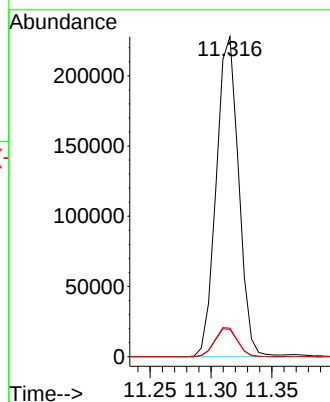
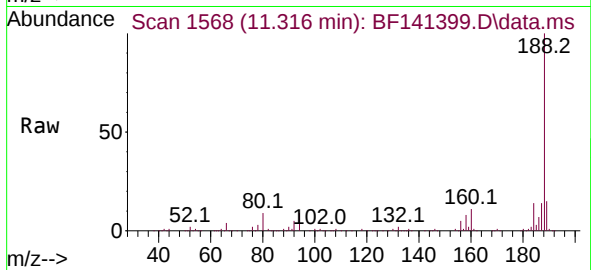
Tgt Ion:188 Resp: 292057

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 8.9 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

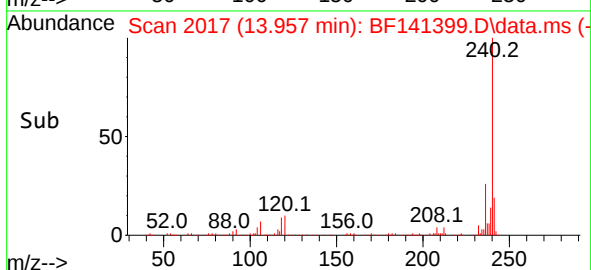
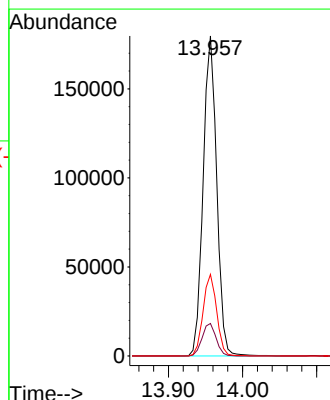
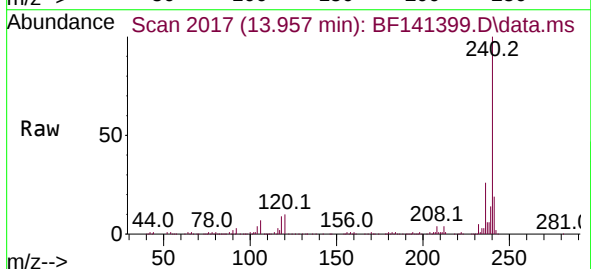
Tgt Ion:240 Resp: 229065

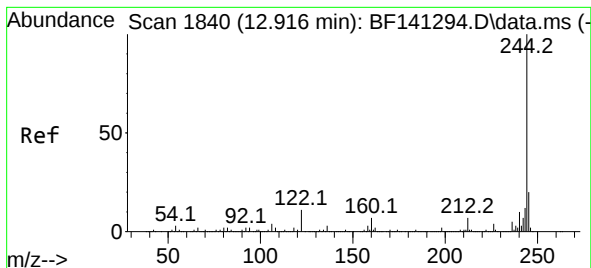
Ion Ratio Lower Upper

240 100

120 10.1 10.0 15.0

236 25.5 19.7 29.5





#79

Terphenyl-d14

Concen: 85.595 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

Instrument :

BNA\_F

ClientSampleId :

PB166483BL

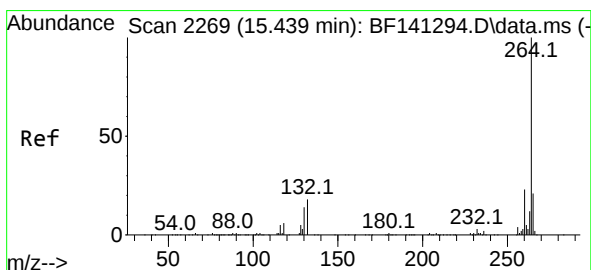
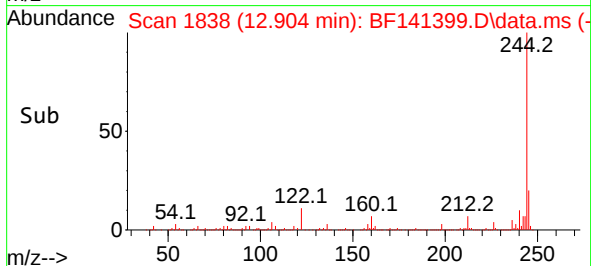
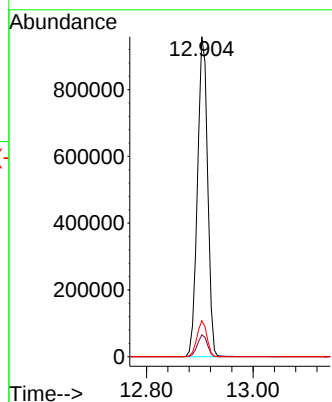
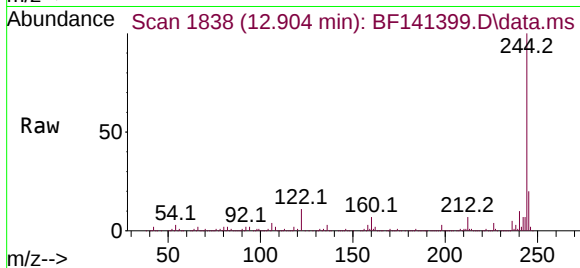
Tgt Ion:244 Resp: 1271366

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

Tgt Ion:264 Resp: 190566

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.3 16.7 25.1

