

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
 Data File : BF141320.D  
 Acq On : 31 Jan 2025 09:49  
 Operator : RC/JU  
 Sample : PB166258BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166258BL

Quant Time: Jan 31 10:54:43 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   | 6.798  | 152  | 152576   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 611002   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.833  | 164  | 326719   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.322 | 188  | 555650   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.963 | 240  | 367283   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.421 | 264  | 296125   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 1179920  | 118.722 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 1461651  | 115.609 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 949642   | 81.934  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 350998   | 117.184 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 1685551  | 79.407  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.916 | 244  | 1878170  | 78.863  | ng    | 0.00     |

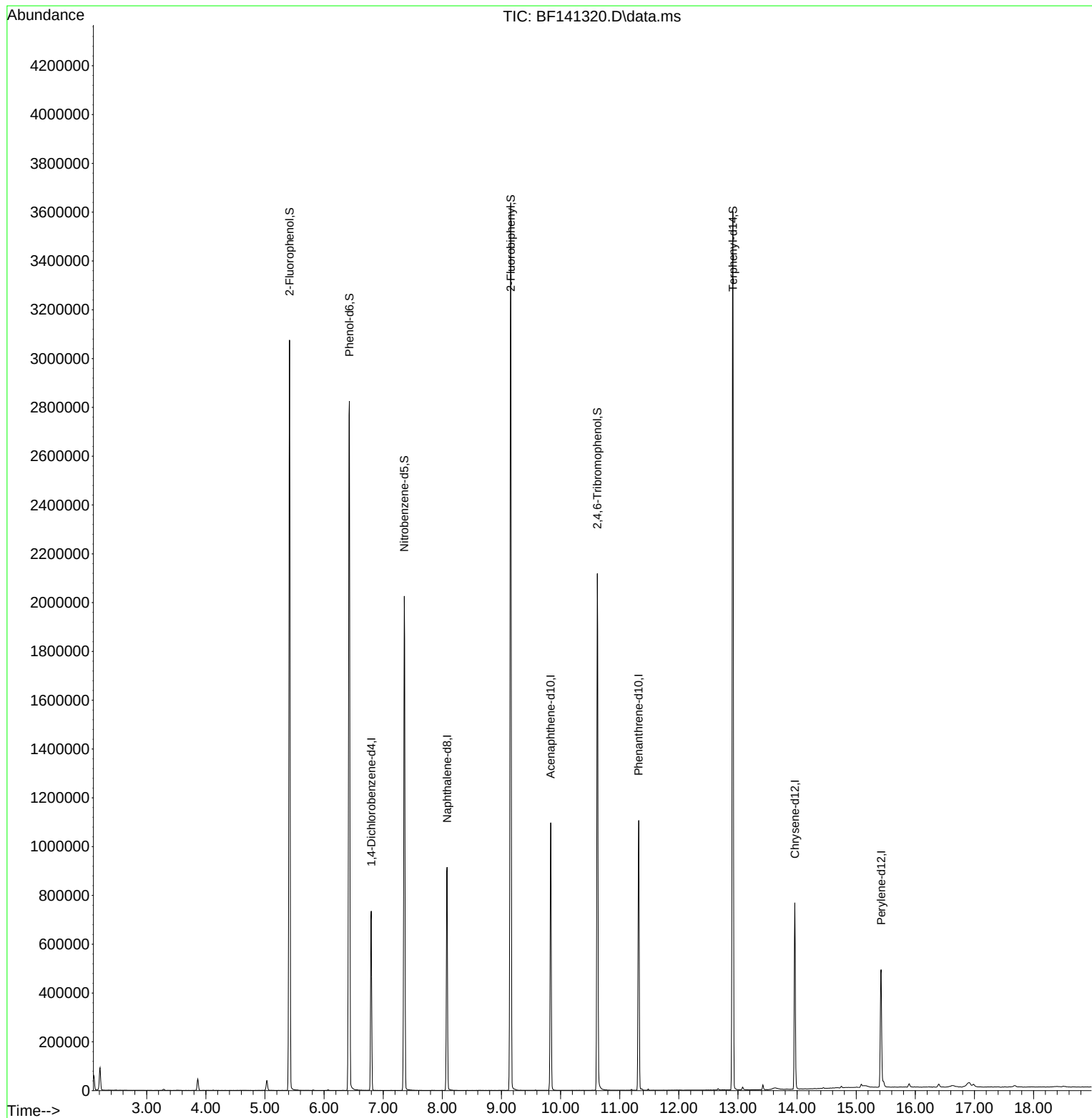
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

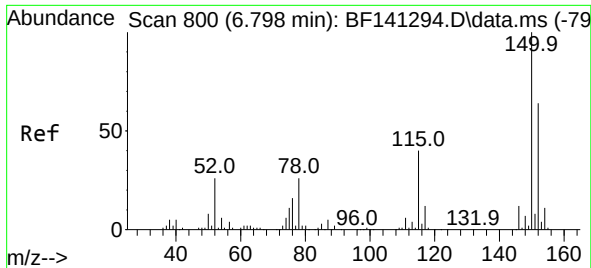
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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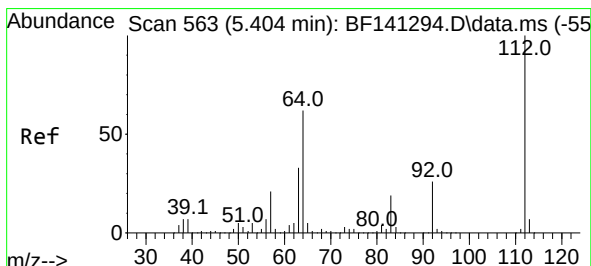
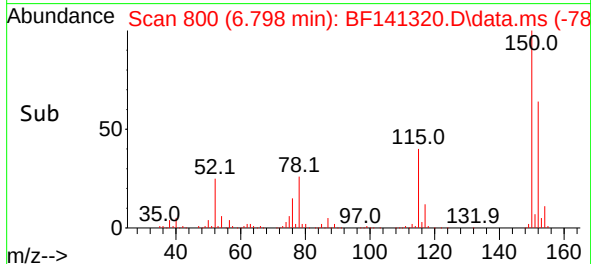
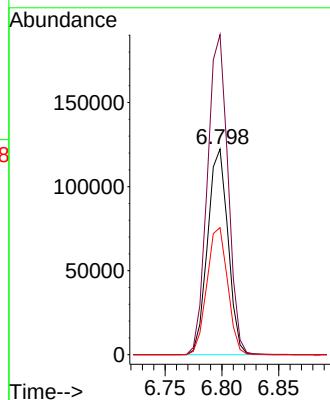
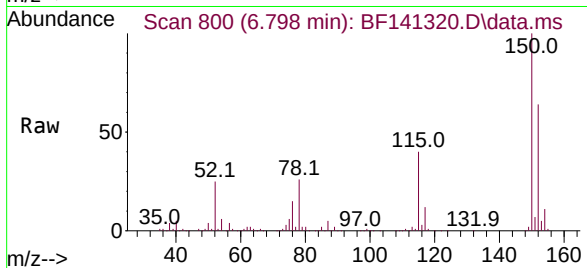




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

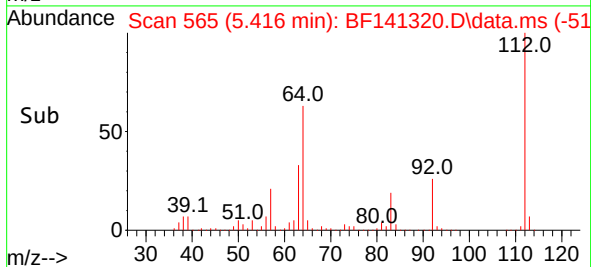
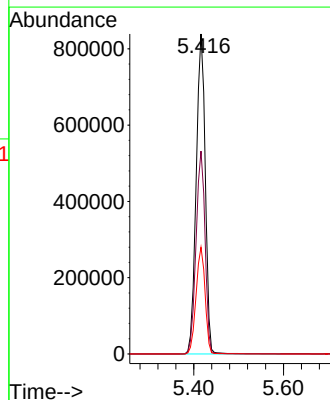
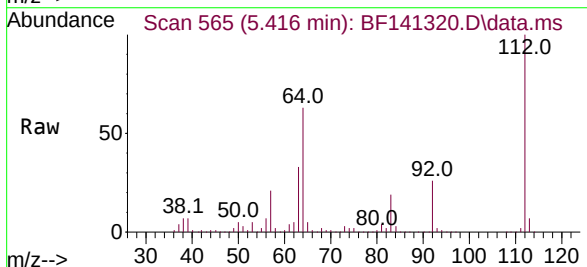
Instrument :  
BNA\_F  
ClientSampleId :  
PB166258BL

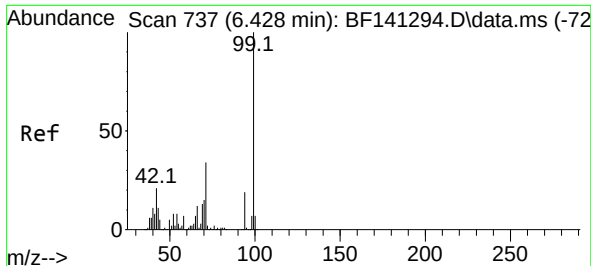
Tgt Ion:152 Resp: 152576  
Ion Ratio Lower Upper  
152 100  
150 155.7 125.9 188.9  
115 61.8 49.7 74.5



#5  
2-Fluorophenol  
Concen: 118.722 ng  
RT: 5.416 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

Tgt Ion:112 Resp: 1179920  
Ion Ratio Lower Upper  
112 100  
64 63.4 49.8 74.8  
63 33.3 26.1 39.1

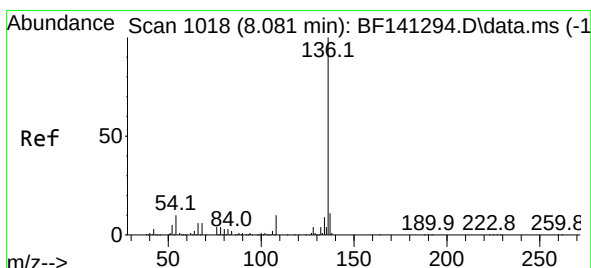
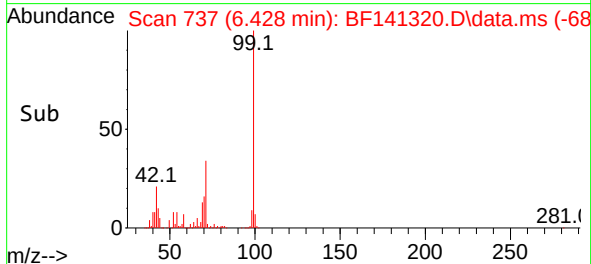
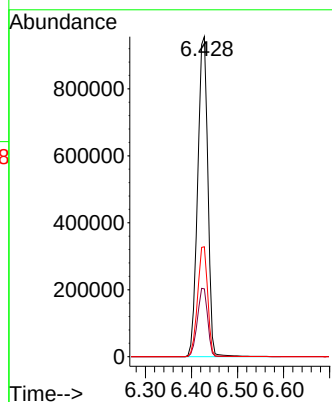
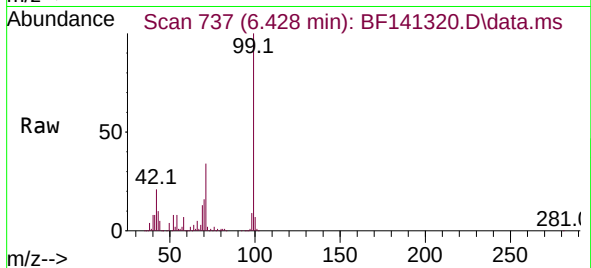




#7  
Phenol-d6  
Concen: 115.609 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

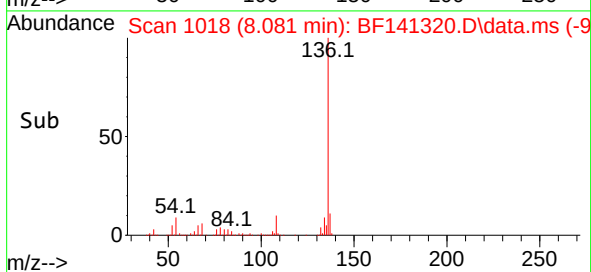
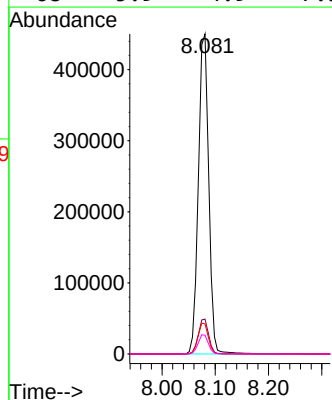
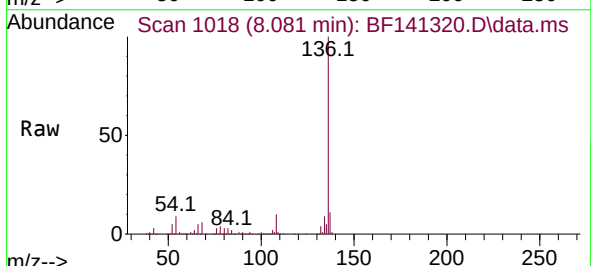
Instrument :  
BNA\_F  
ClientSampleId :  
PB166258BL

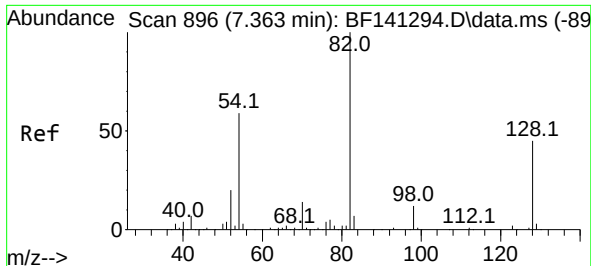
Tgt Ion: 99 Resp: 1461651  
Ion Ratio Lower Upper  
99 100  
42 21.2 17.1 25.7  
71 34.4 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

Tgt Ion:136 Resp: 611002  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.4 7.8 11.8  
68 5.9 4.9 7.3

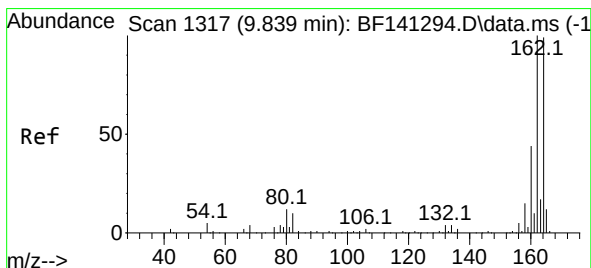
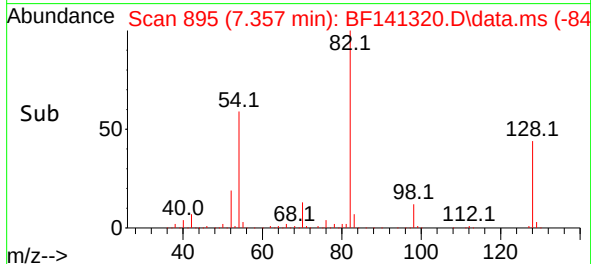
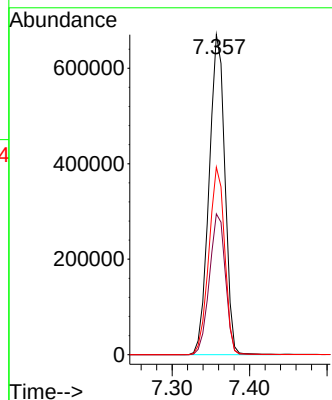
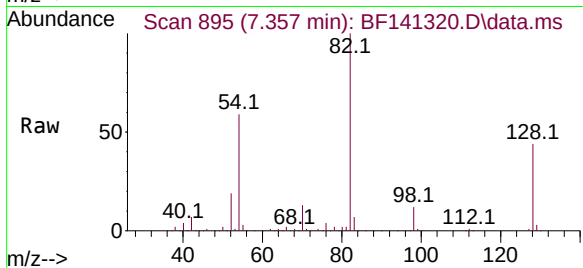




#23  
Nitrobenzene-d5  
Concen: 81.934 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

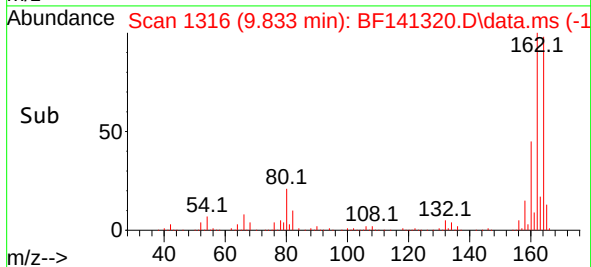
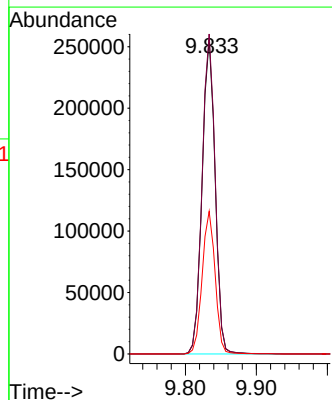
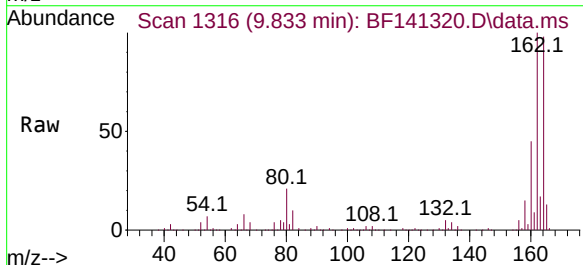
Instrument :  
BNA\_F  
ClientSampleId :  
PB166258BL

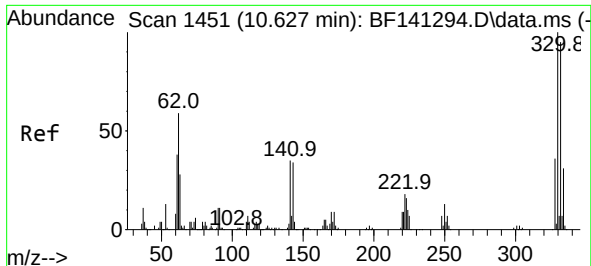
Tgt Ion: 82 Resp: 949642  
Ion Ratio Lower Upper  
82 100  
128 44.0 35.7 53.5  
54 58.6 47.1 70.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

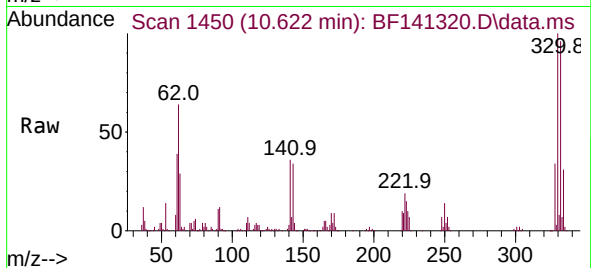
Tgt Ion:164 Resp: 326719  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.6 121.0  
160 45.3 35.8 53.6



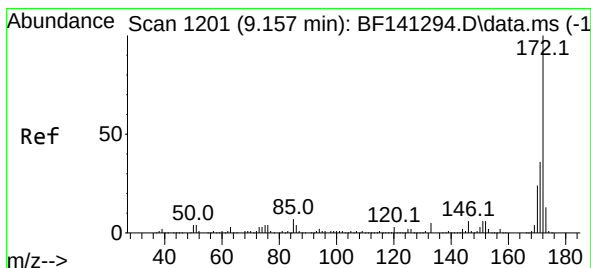
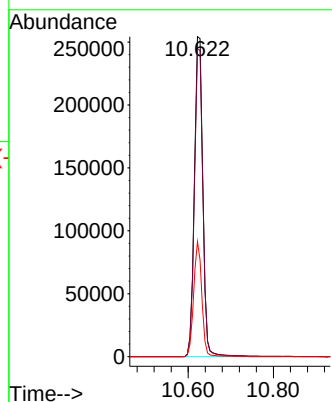
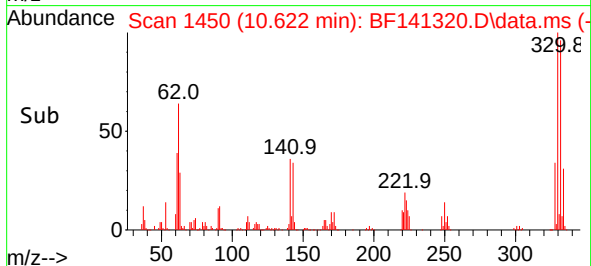


#42  
2,4,6-Tribromophenol  
Concen: 117.184 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

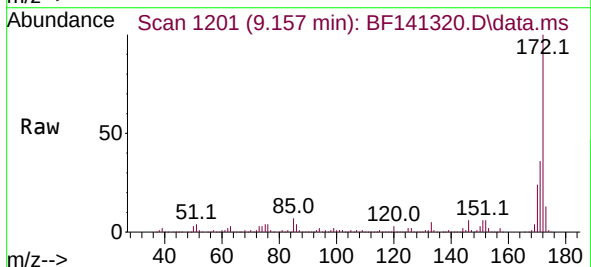
Instrument :  
BNA\_F  
ClientSampleId :  
PB166258BL



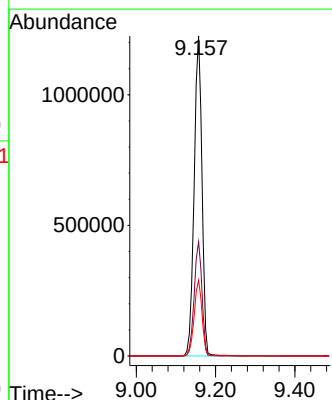
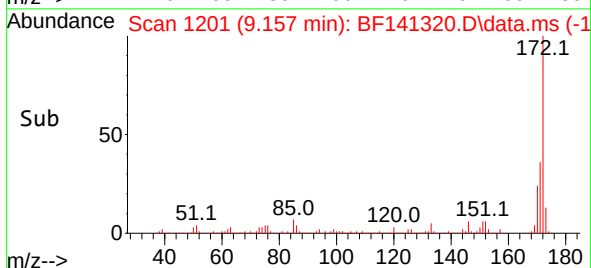
Tgt Ion:330 Resp: 350998  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.1 114.1  
141 34.7 28.8 43.2

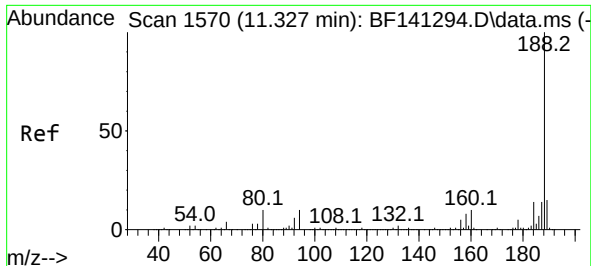


#45  
2-Fluorobiphenyl  
Concen: 79.407 ng  
RT: 9.157 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49



Tgt Ion:172 Resp: 1685551  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 23.6 19.0 28.6

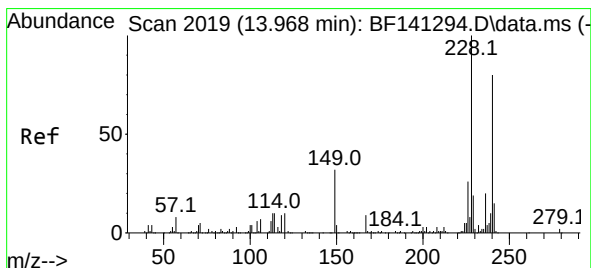
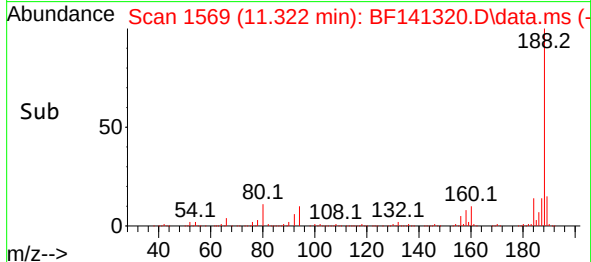
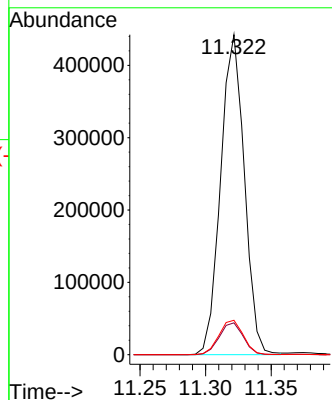
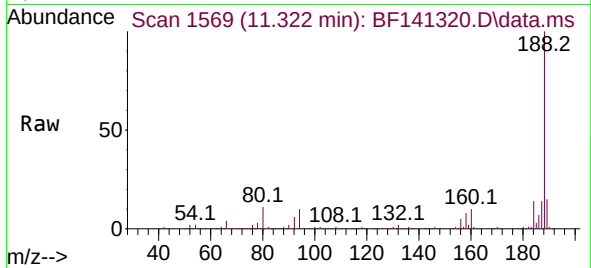




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

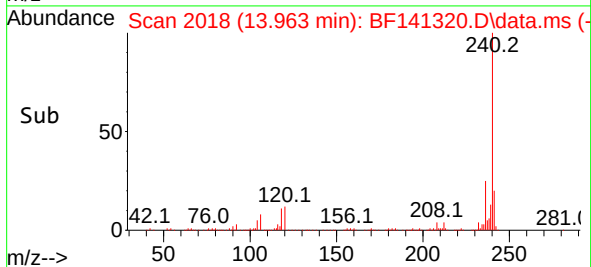
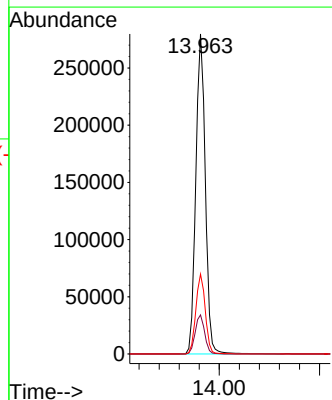
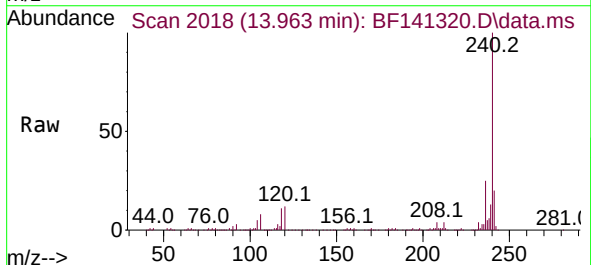
Instrument :  
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PB166258BL

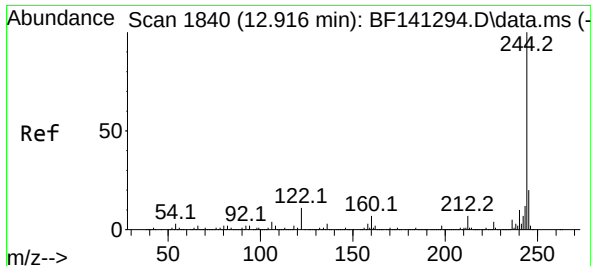
Tgt Ion:188 Resp: 555650  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.8 11.6  
80 10.8 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF141320.D  
Acq: 31 Jan 2025 09:49

Tgt Ion:240 Resp: 367283  
Ion Ratio Lower Upper  
240 100  
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236 25.0 19.7 29.5

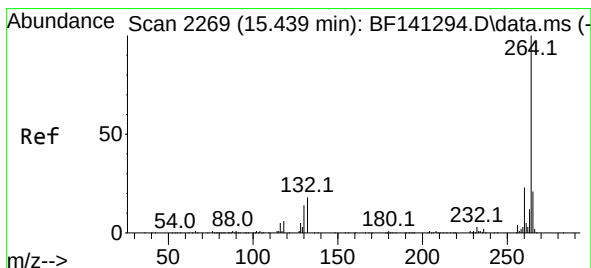
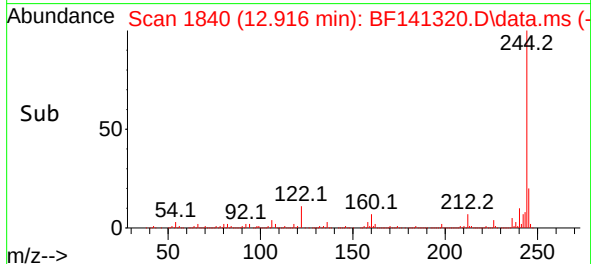
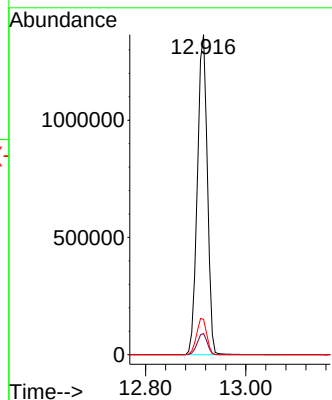
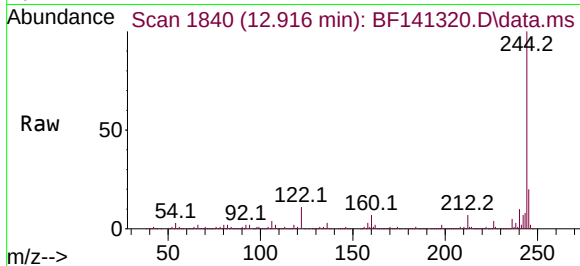




#79  
 Terphenyl-d14  
 Concen: 78.863 ng  
 RT: 12.916 min Scan# 1840  
 Delta R.T. -0.000 min  
 Lab File: BF141320.D  
 Acq: 31 Jan 2025 09:49

Instrument :  
 BNA\_F  
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 PB166258BL

Tgt Ion:244 Resp: 1878170  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 11.0 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2266  
 Delta R.T. -0.018 min  
 Lab File: BF141320.D  
 Acq: 31 Jan 2025 09:49

Tgt Ion:264 Resp: 296125  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.6 27.8  
 265 21.0 16.7 25.1

