

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
 Data File : BF136995.D  
 Acq On : 08 Jan 2024 13:47  
 Operator : CG\JU  
 Sample : P1042-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-303-20240104

Quant Time: Jan 08 14:07:58 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 67158    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 252297   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.816  | 164  | 123247   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.310 | 188  | 227178   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.968 | 240  | 157980   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.457 | 264  | 162502   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 181377   | 42.139  | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 128553   | 23.050  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 353070   | 71.610  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 157990   | 108.845 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 705008   | 76.937  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.910 | 244  | 706138   | 62.464  | ng    | 0.00     |

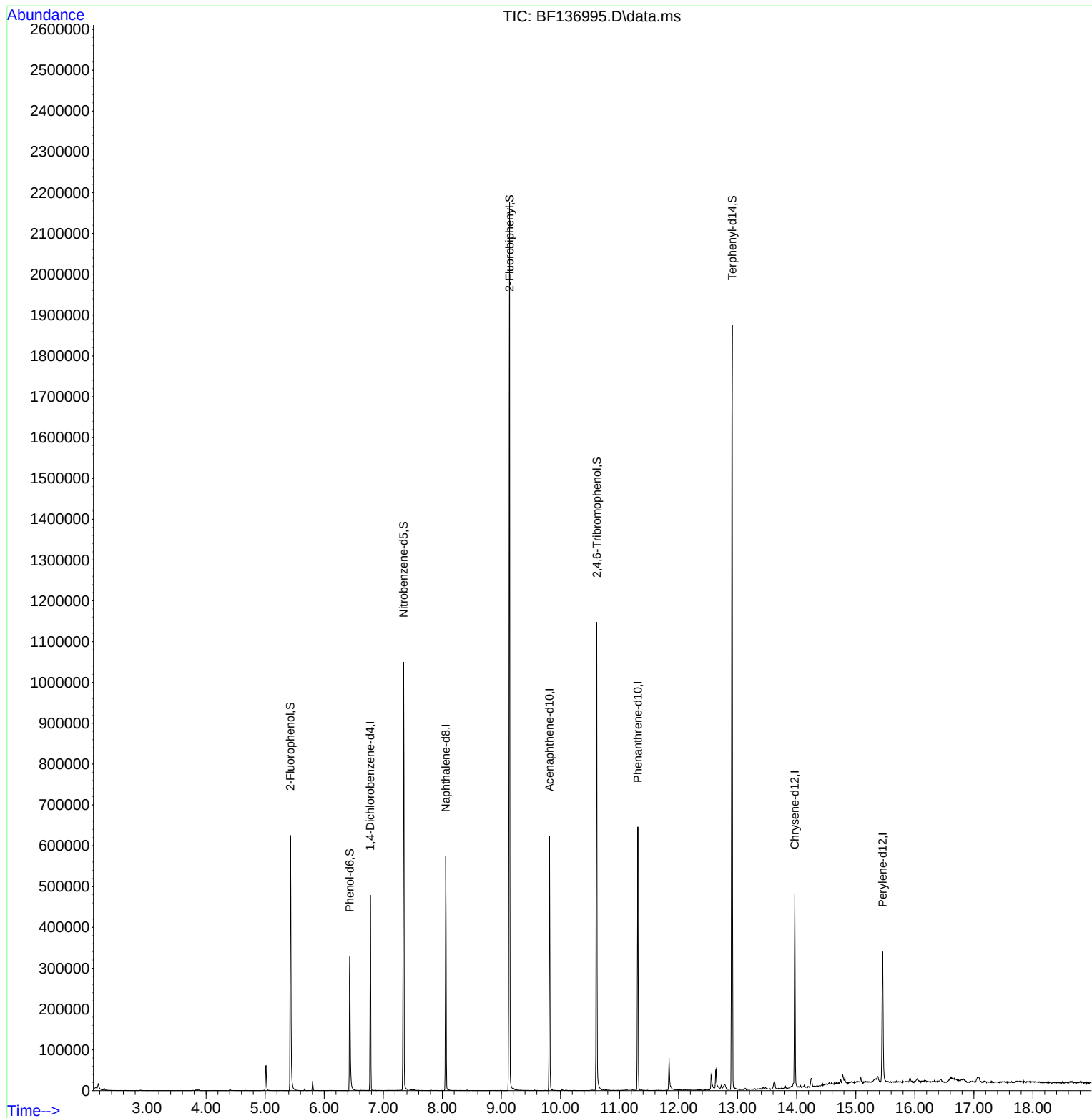
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

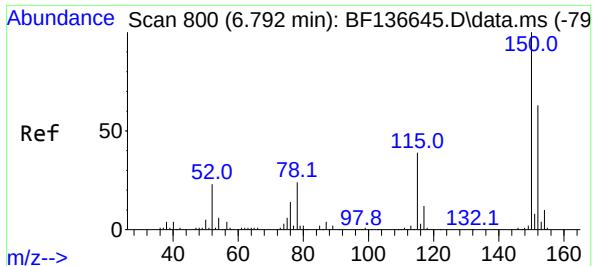
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

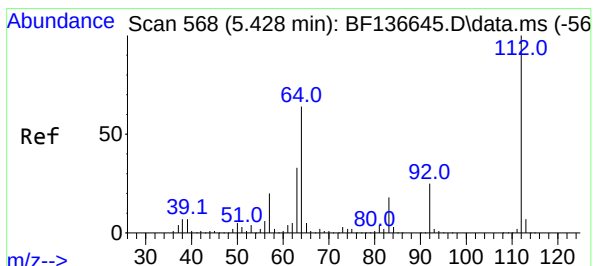
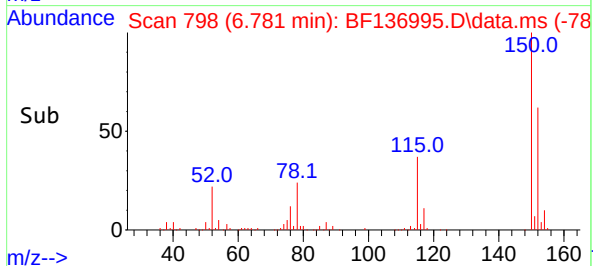
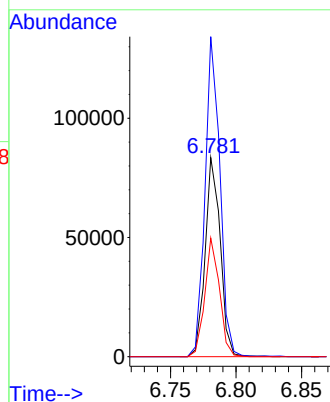
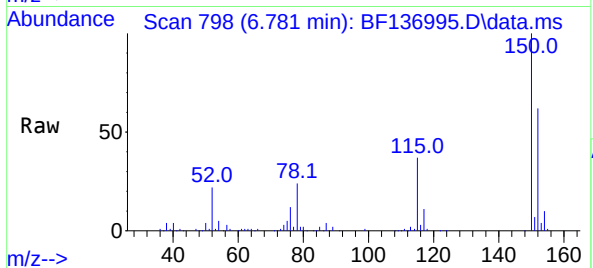




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

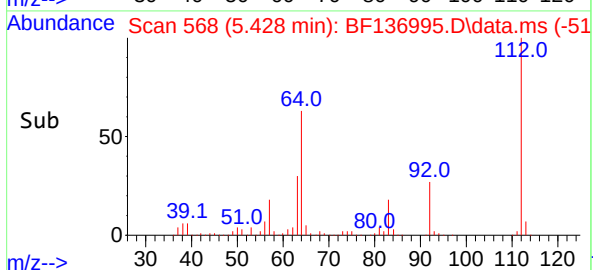
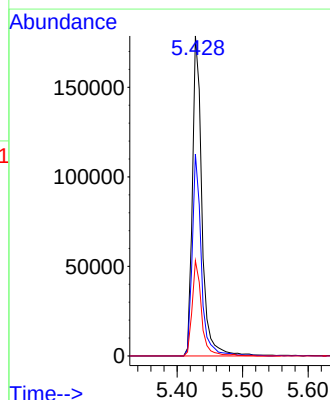
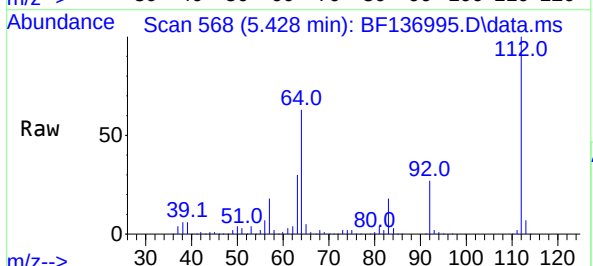
Instrument :  
BNA\_F  
ClientSampleId :  
SP-303-20240104

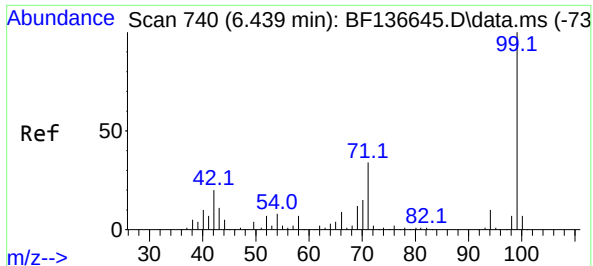
Tgt Ion:152 Resp: 67158  
Ion Ratio Lower Upper  
152 100  
150 160.8 127.0 190.6  
115 59.5 49.0 73.4



#5  
2-Fluorophenol  
Concen: 42.139 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

Tgt Ion:112 Resp: 181377  
Ion Ratio Lower Upper  
112 100  
64 63.1 51.1 76.7  
63 29.8 26.1 39.1

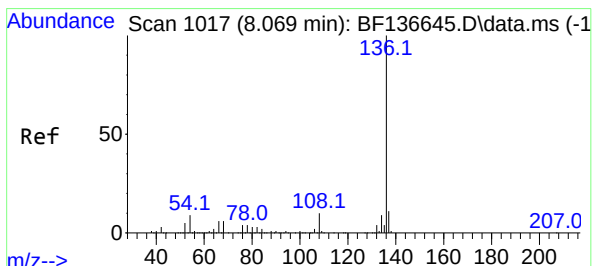
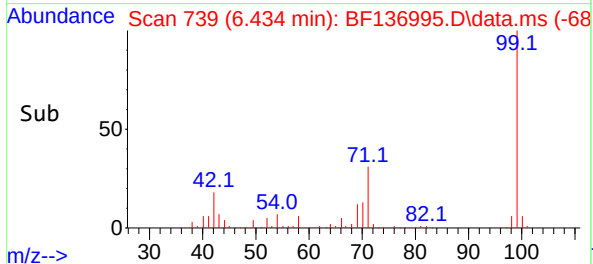
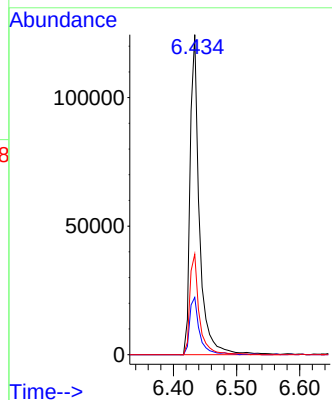
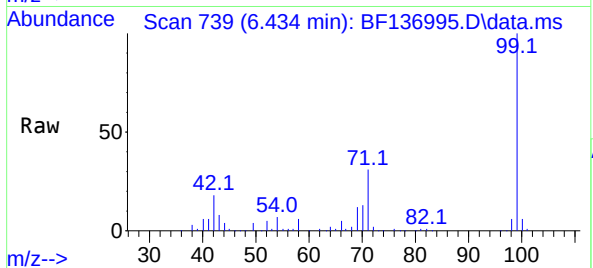




#7  
Phenol-d6  
Concen: 23.050 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

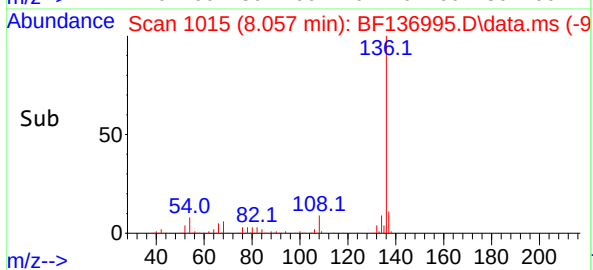
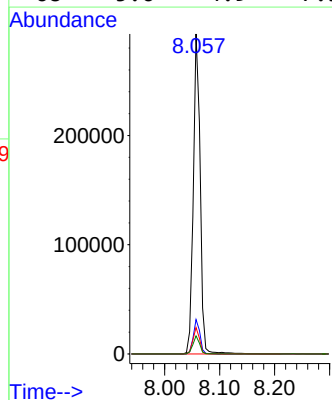
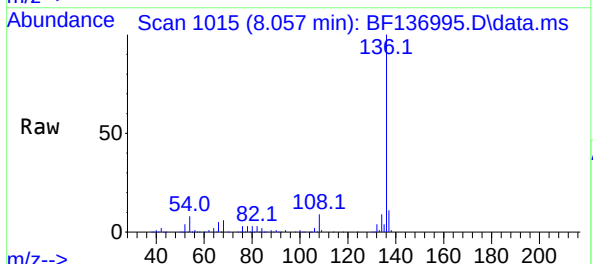
Instrument :  
BNA\_F  
ClientSampleId :  
SP-303-20240104

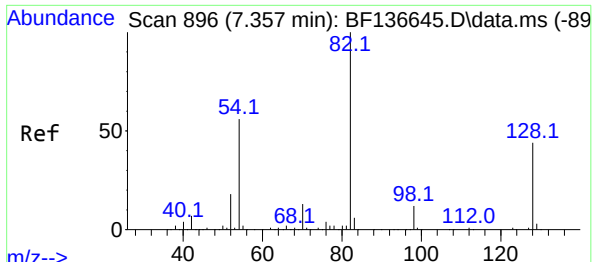
Tgt Ion: 99 Resp: 128553  
Ion Ratio Lower Upper  
99 100  
42 17.9 16.1 24.1  
71 31.4 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

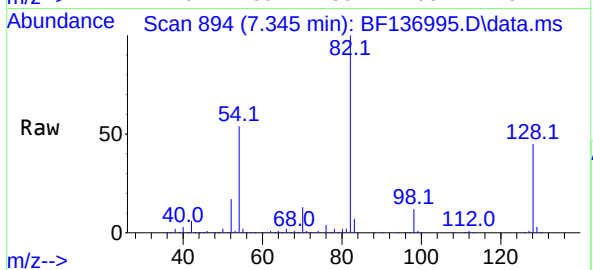
Tgt Ion:136 Resp: 252297  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 8.2 7.2 10.8  
68 5.6 4.9 7.3



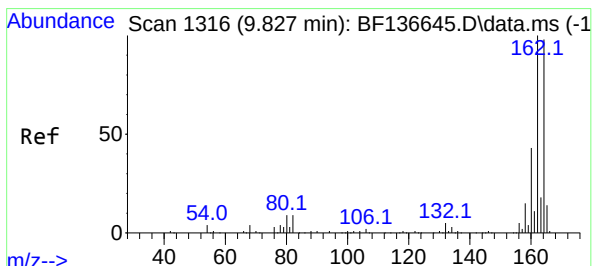
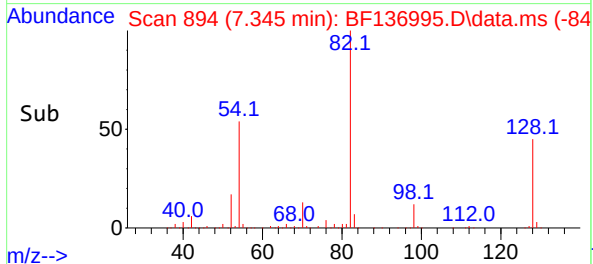
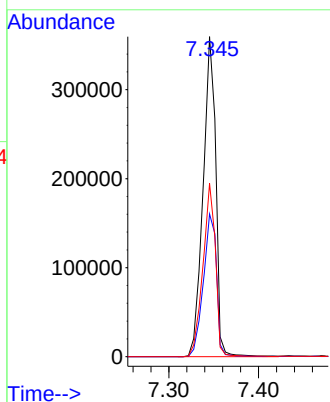


#23  
Nitrobenzene-d5  
Concen: 71.610 ng  
RT: 7.345 min Scan# 89  
Delta R.T. -0.012 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP-303-20240104

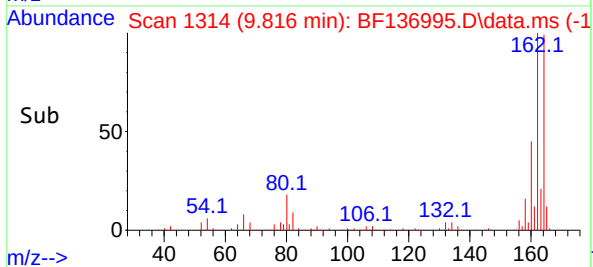
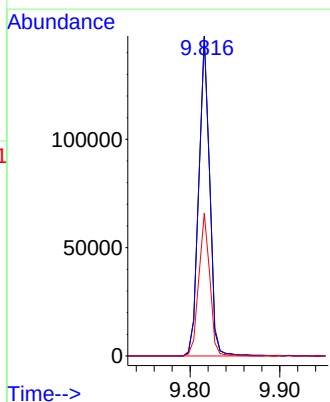
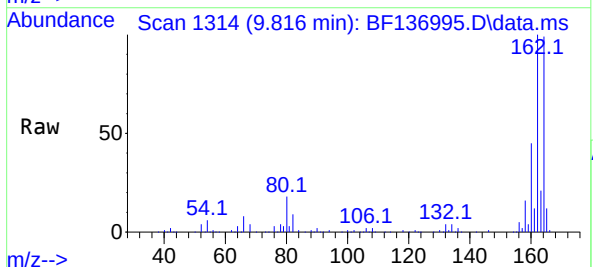


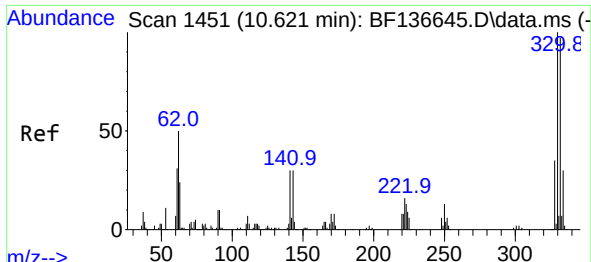
Tgt Ion: 82 Resp: 353070  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.3 52.9  
54 54.2 44.5 66.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

Tgt Ion:164 Resp: 123247  
Ion Ratio Lower Upper  
164 100  
162 100.5 81.6 122.4  
160 44.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 108.845 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136995.D

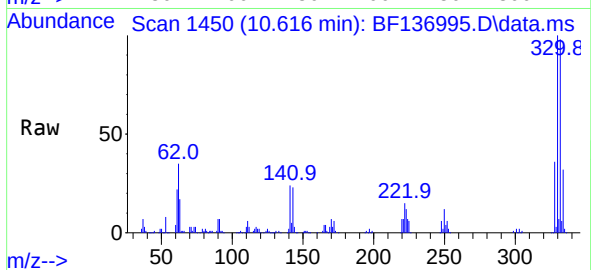
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Instrument :

BNA\_F

ClientSampleId :

SP-303-20240104



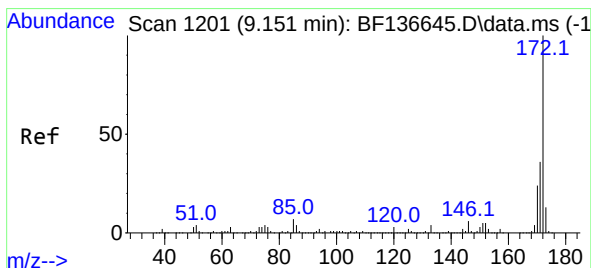
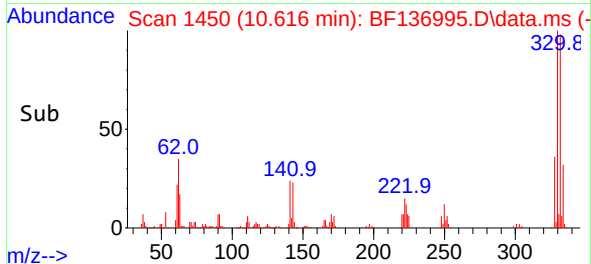
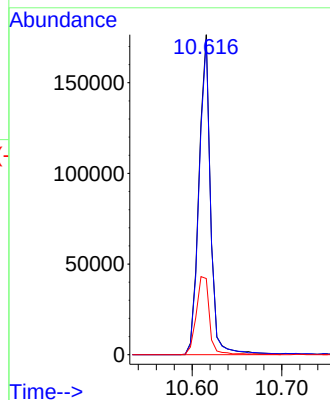
Tgt Ion:330 Resp: 157990

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.937 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136995.D

Acq: 08 Jan 2024 13:47

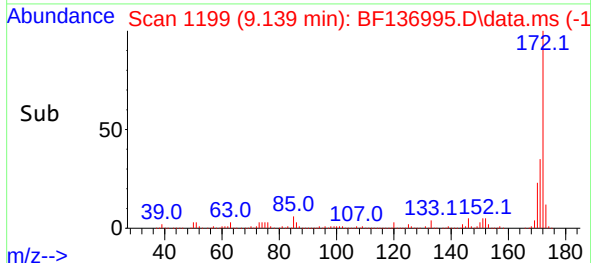
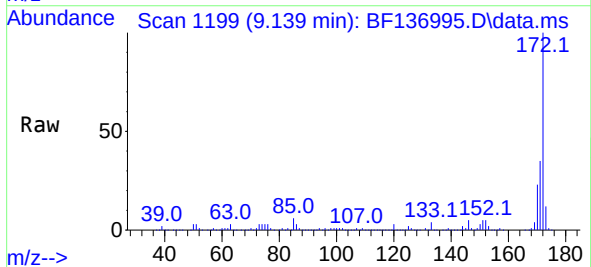
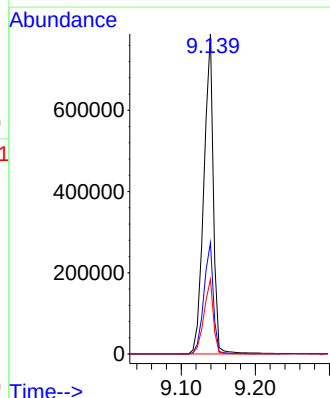
Tgt Ion:172 Resp: 705008

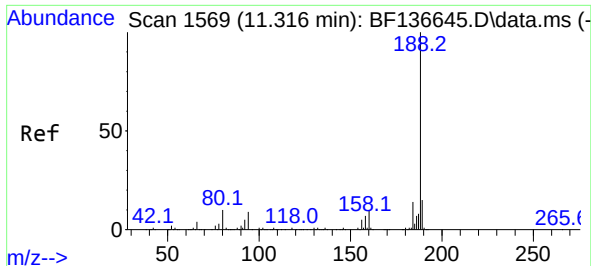
Ion Ratio Lower Upper

172 100

171 34.8 29.0 43.6

170 23.3 19.0 28.4

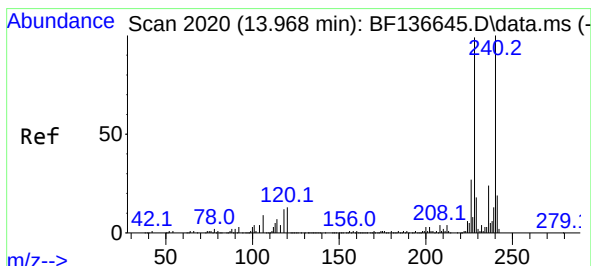
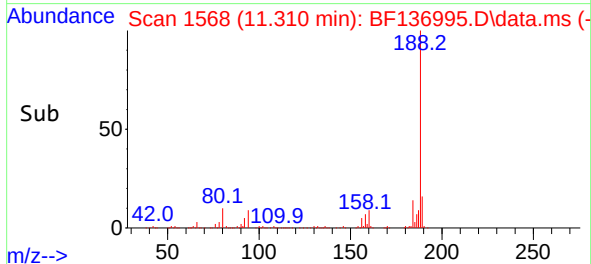
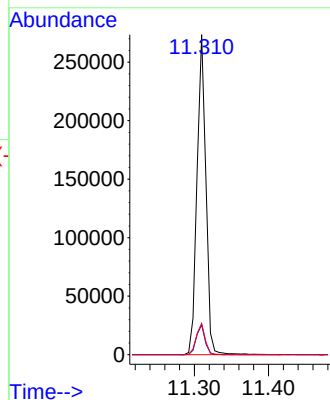
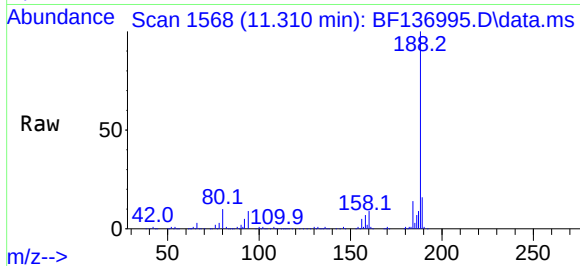




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

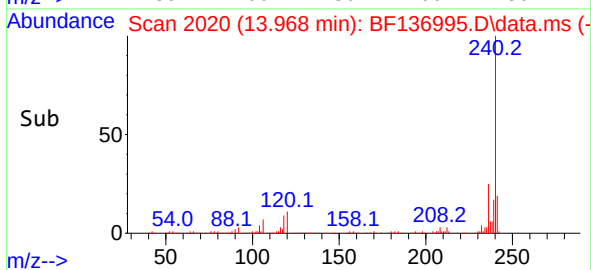
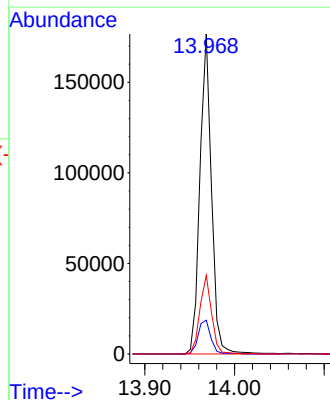
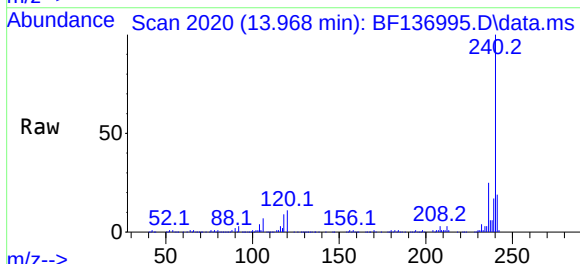
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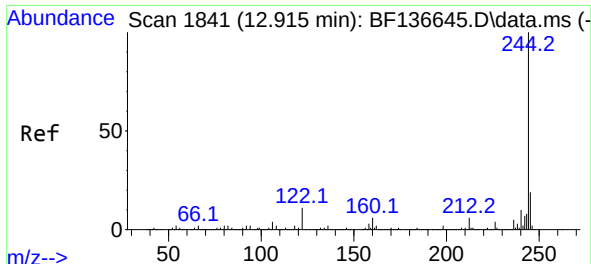
Tgt Ion:188 Resp: 227178  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.5 11.3  
80 9.8 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. 0.000 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

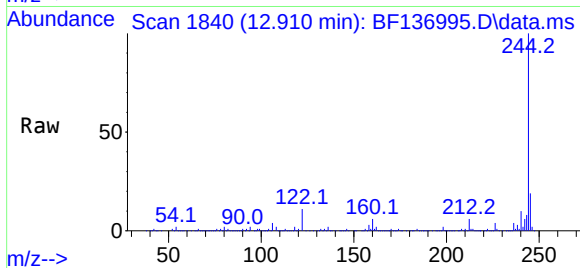
Tgt Ion:240 Resp: 157980  
Ion Ratio Lower Upper  
240 100  
120 10.6 10.3 15.5  
236 24.6 19.4 29.2



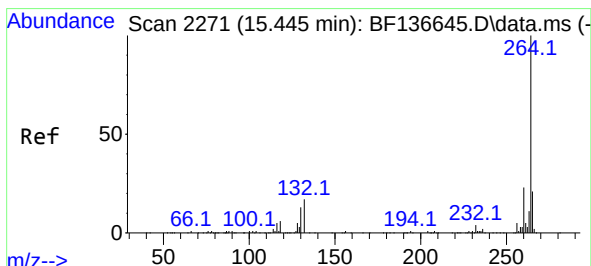
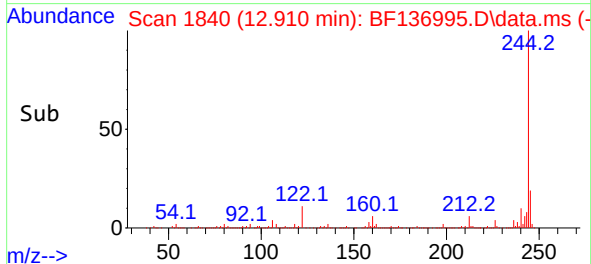
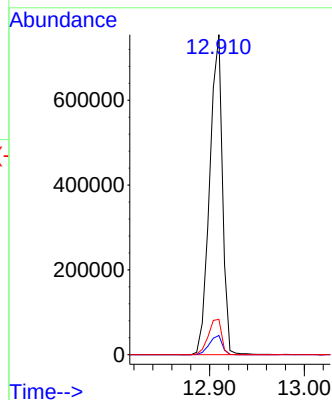


#79  
Terphenyl-d14  
Concen: 62.464 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
SP-303-20240104



Tgt Ion:244 Resp: 706138  
Ion Ratio Lower Upper  
244 100  
212 6.0 5.0 7.4  
122 11.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.457 min Scan# 2273  
Delta R.T. 0.012 min  
Lab File: BF136995.D  
Acq: 08 Jan 2024 13:47

Tgt Ion:264 Resp: 162502  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.3 27.5  
265 21.4 17.0 25.6

