

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080923\  
 Data File : BF134691.D  
 Acq On : 09 Aug 2023 15:44  
 Operator : CG\JU  
 Sample : 03939-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ORA-1748-1719-1750-1751-1752-1753-1754

Quant Time: Aug 10 01:40:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 186520   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 732191   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.833  | 164  | 348719   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.321 | 188  | 519597   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.974 | 240  | 397771   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.445 | 264  | 379072   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 945170   | 77.029 | ng    | 0.00     |
| 7) Phenol-d6                | 6.439  | 99   | 1225471  | 78.129 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 756809   | 64.594 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.627 | 330  | 239313   | 67.320 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 1274315  | 60.759 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.916 | 244  | 993056   | 44.011 | ng    | 0.00     |

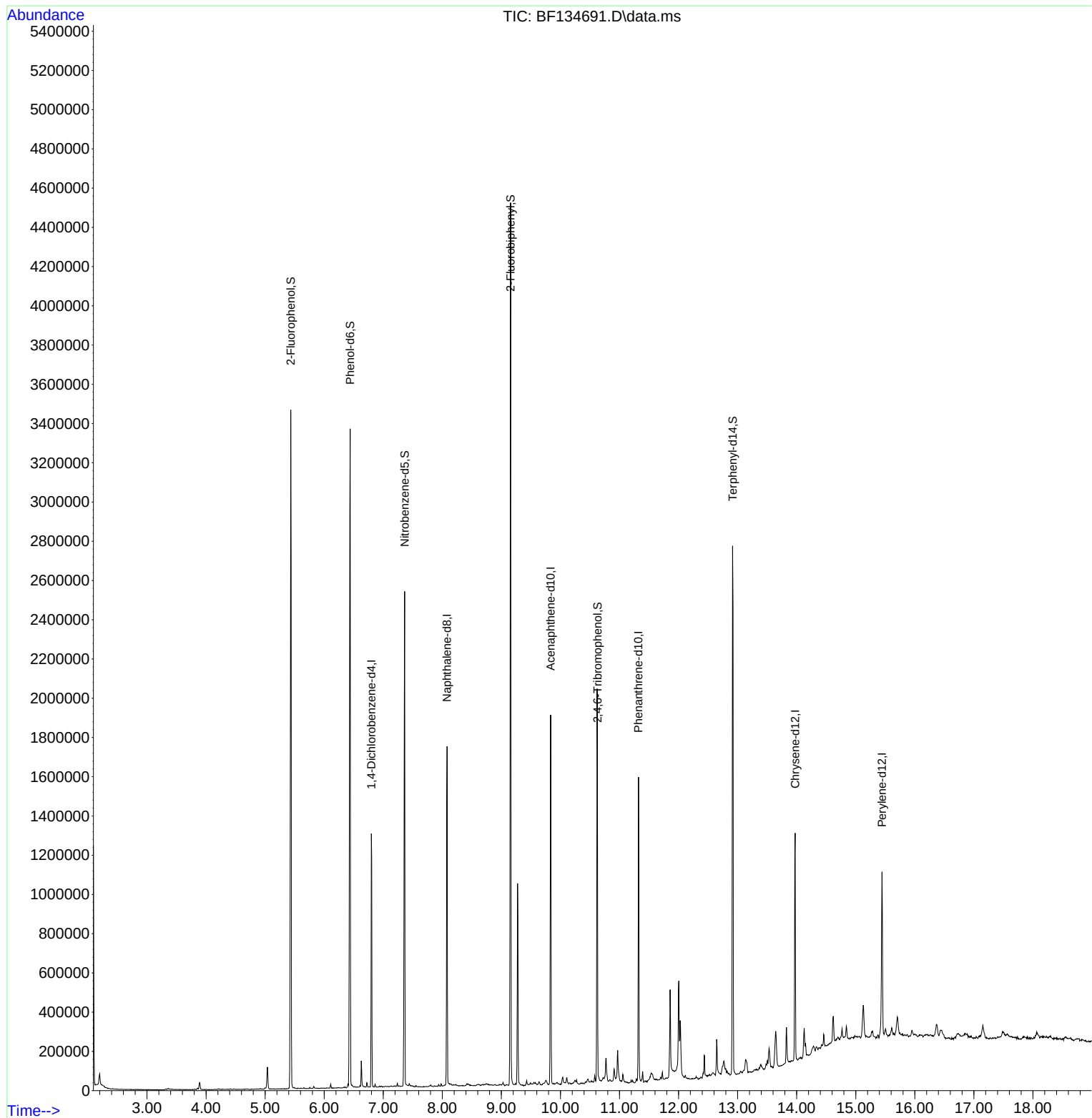
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

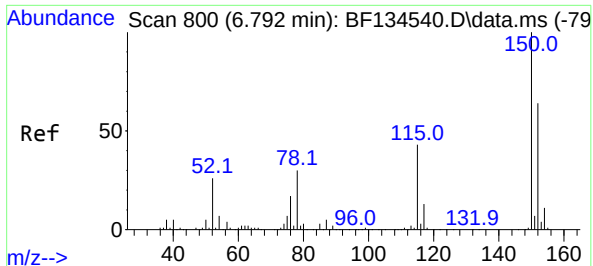
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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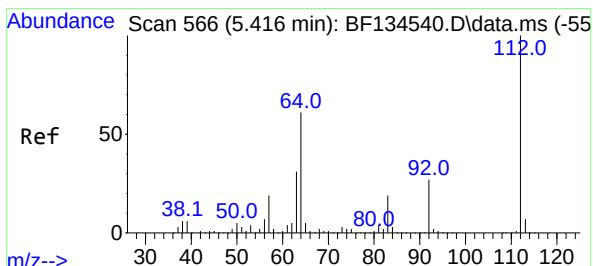
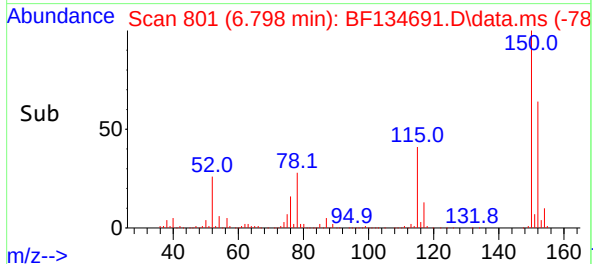
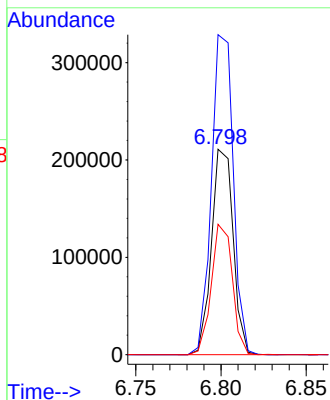
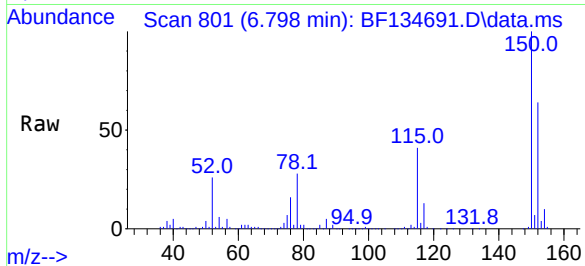




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

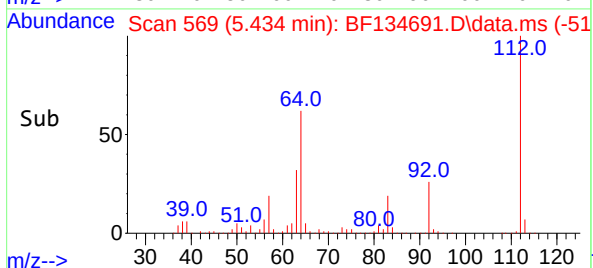
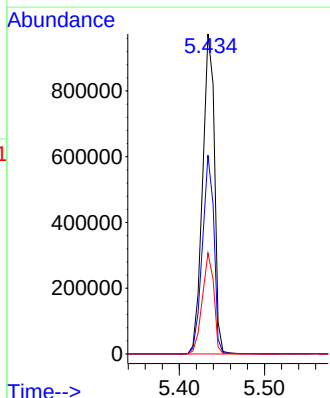
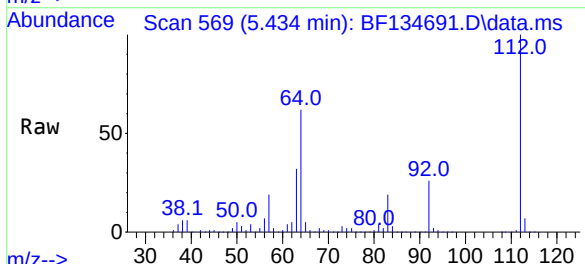
Instrument :  
BNA\_F  
ClientSampleId :  
ORA-1748-1719-1750-1751-1752-1753-1754

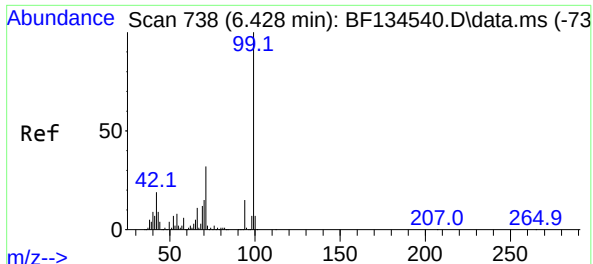
Tgt Ion:152 Resp: 186520  
Ion Ratio Lower Upper  
152 100  
150 155.7 128.3 192.5  
115 63.5 52.4 78.6



#5  
2-Fluorophenol  
Concen: 77.029 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

Tgt Ion:112 Resp: 945170  
Ion Ratio Lower Upper  
112 100  
64 62.1 44.9 67.3  
63 31.6 25.4 38.0

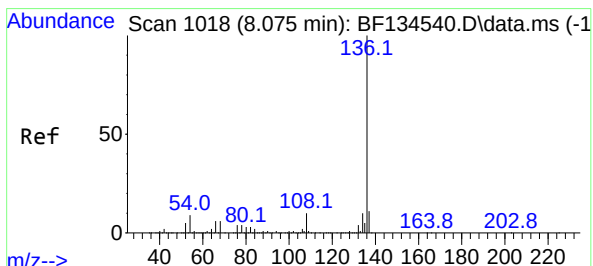
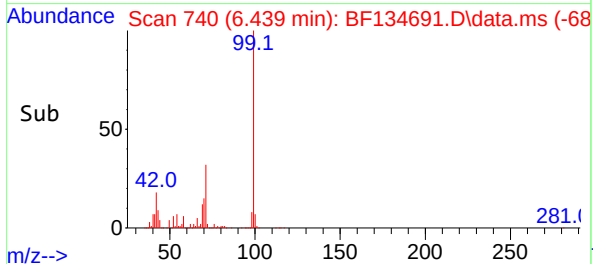
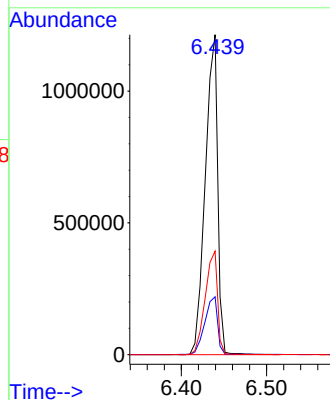
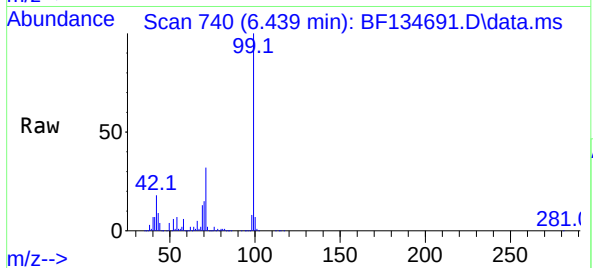




#7  
Phenol-d6  
Concen: 78.129 ng  
RT: 6.439 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

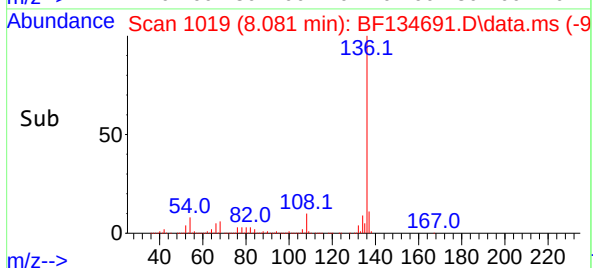
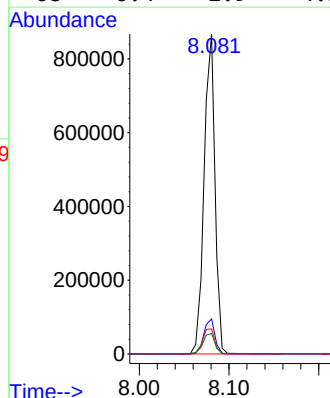
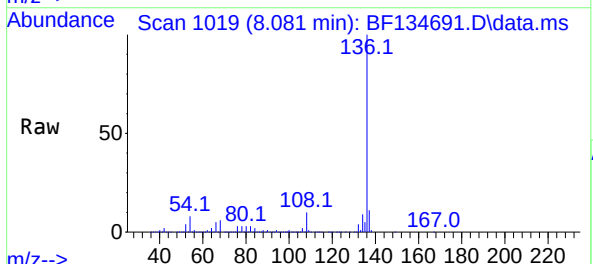
Instrument :  
BNA\_F  
ClientSampleId :  
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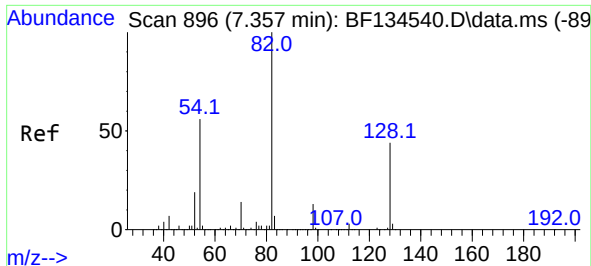
Tgt Ion: 99 Resp: 1225471  
Ion Ratio Lower Upper  
99 100  
42 18.1 18.7 28.1#  
71 32.4 36.4 54.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

Tgt Ion: 136 Resp: 732191  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 7.9 5.2 7.8#  
68 6.4 2.9 4.3#

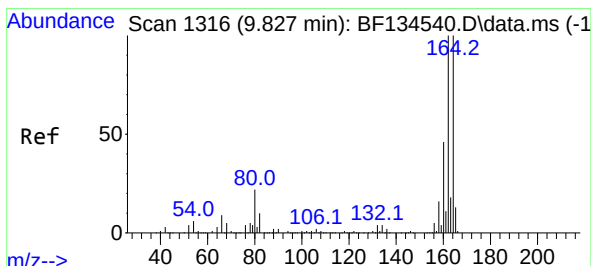
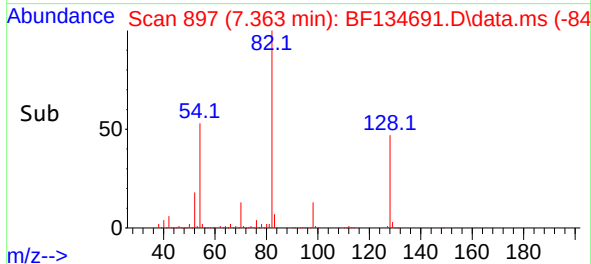
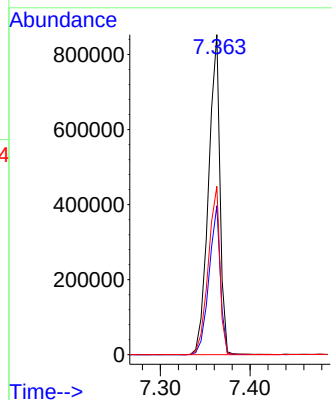
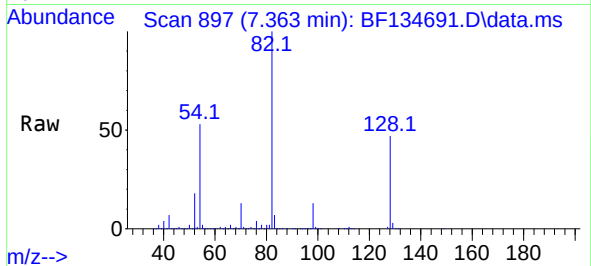




#23  
Nitrobenzene-d5  
Concen: 64.594 ng  
RT: 7.363 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

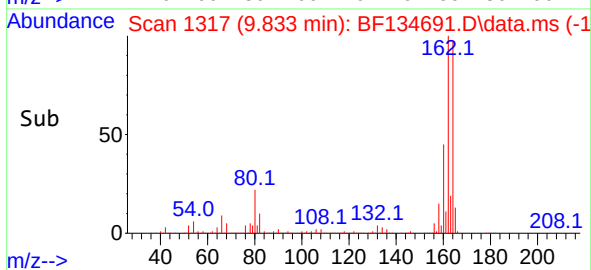
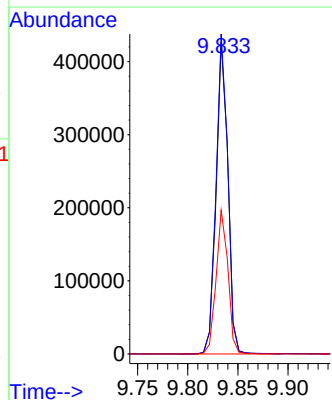
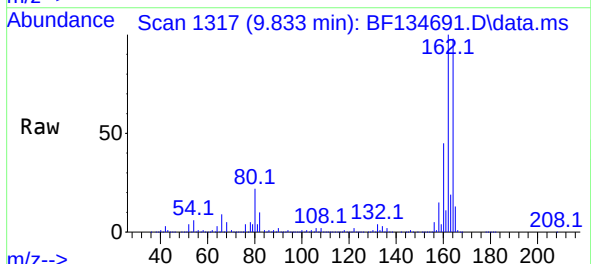
Instrument :  
BNA\_F  
ClientSampleId :  
ORA-1748-1719-1750-1751-1752-1753-1754

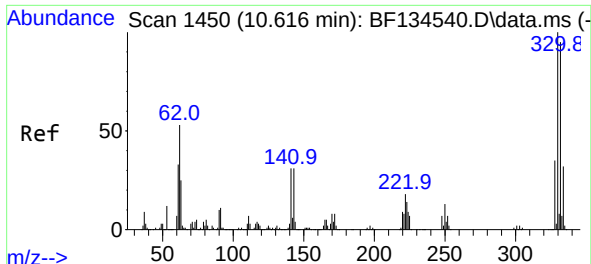
Tgt Ion: 82 Resp: 756809  
Ion Ratio Lower Upper  
82 100  
128 46.6 34.3 51.5  
54 52.6 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

Tgt Ion: 164 Resp: 348719  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.6 123.8  
160 46.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 67.320 ng

RT: 10.627 min Scan# 1450

Delta R.T. -0.000 min

Lab File: BF134691.D

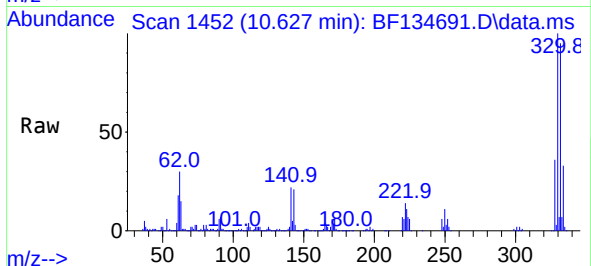
Acq: 09 Aug 2023 15:44

Instrument :

BNA\_F

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754



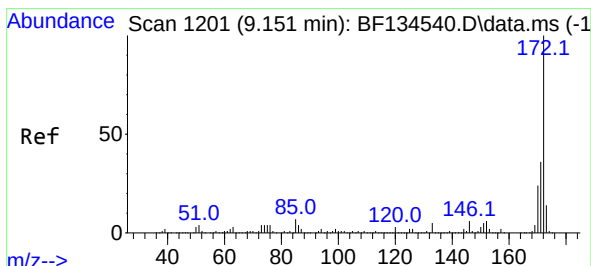
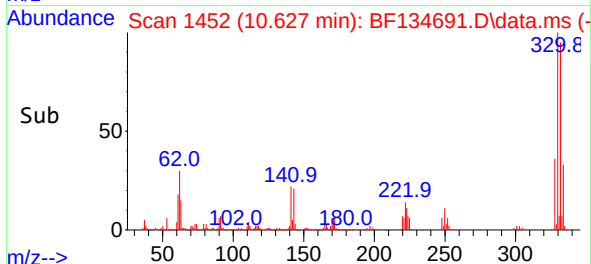
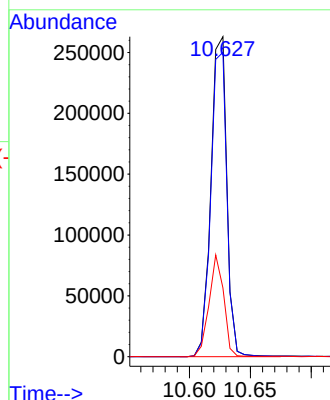
Tgt Ion:330 Resp: 239313

Ion Ratio Lower Upper

330 100

332 96.3 78.8 118.2

141 29.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 60.759 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134691.D

Acq: 09 Aug 2023 15:44

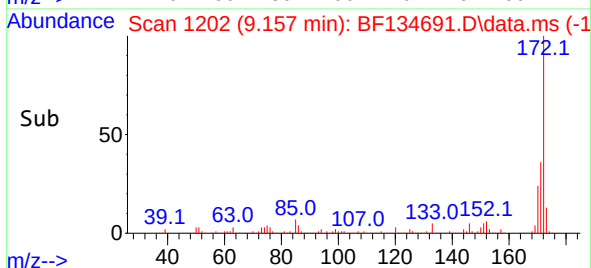
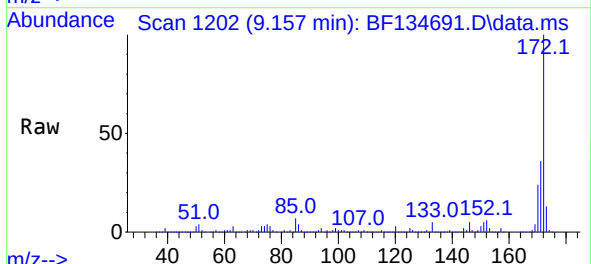
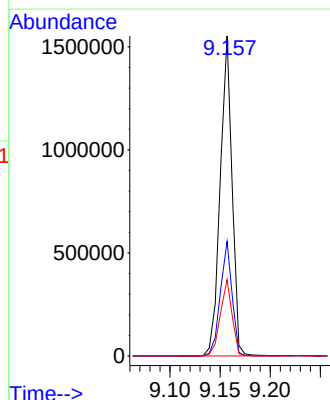
Tgt Ion:172 Resp: 1274315

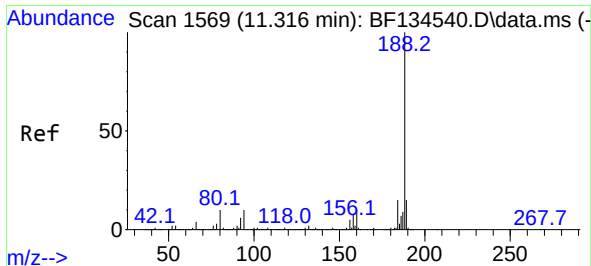
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.9 18.7 28.1

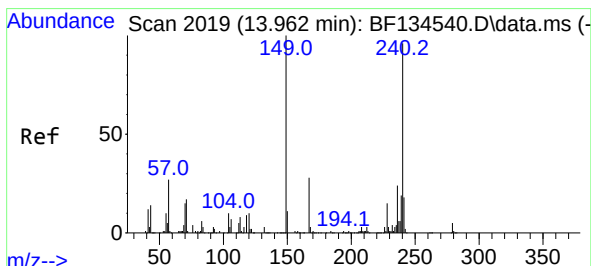
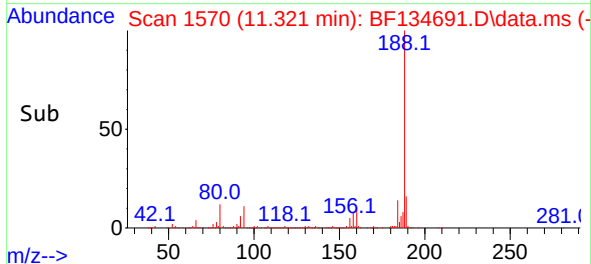
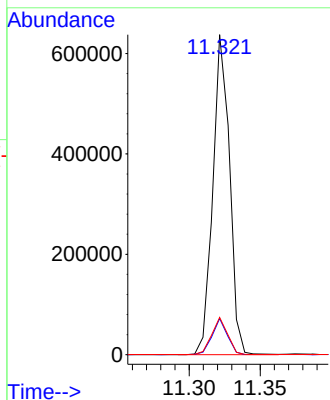
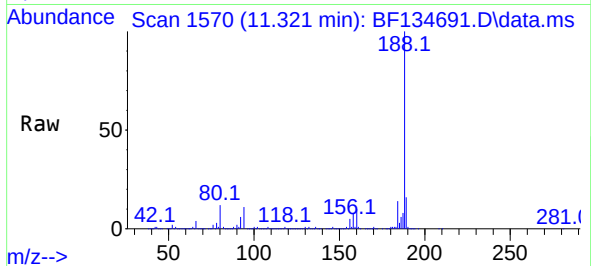




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.321 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

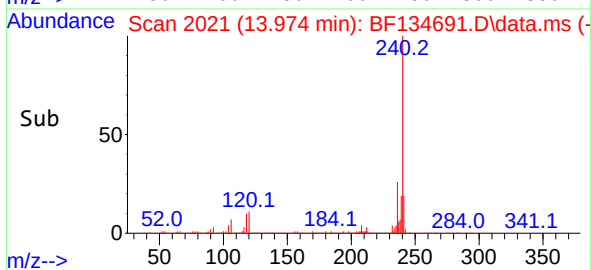
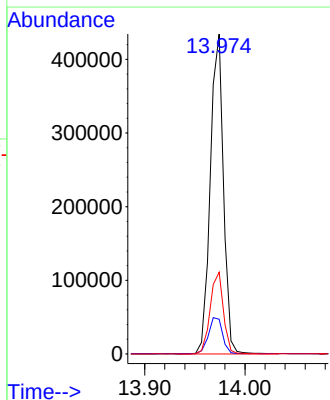
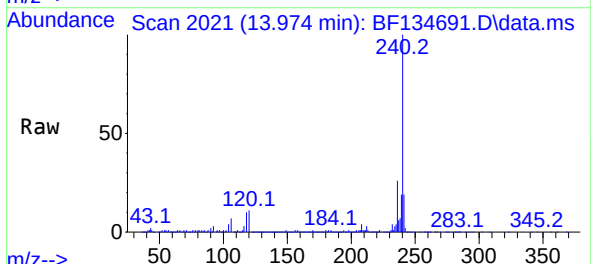
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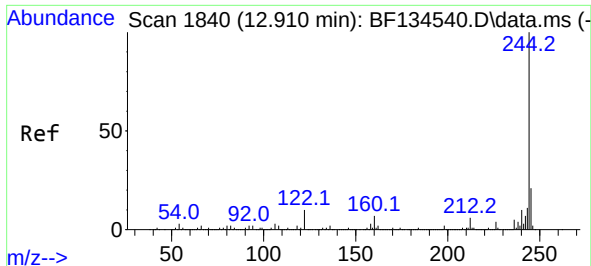
Tgt Ion:188 Resp: 519597  
Ion Ratio Lower Upper  
188 100  
94 11.3 5.1 7.7#  
80 11.7 6.6 9.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.000 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

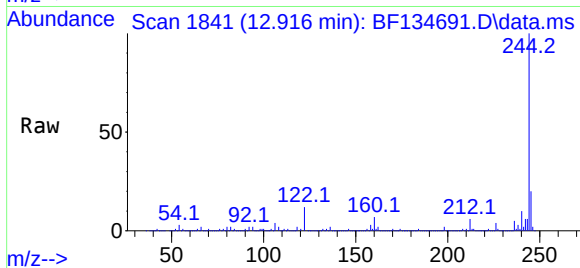
Tgt Ion:240 Resp: 397771  
Ion Ratio Lower Upper  
240 100  
120 10.8 6.6 10.0#  
236 25.6 20.2 30.2



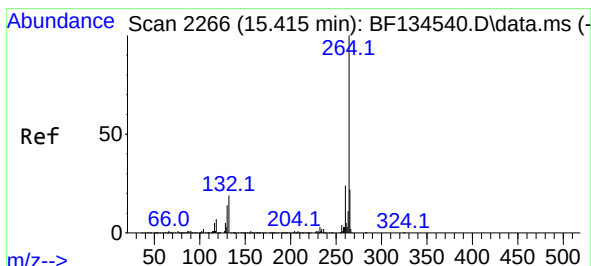
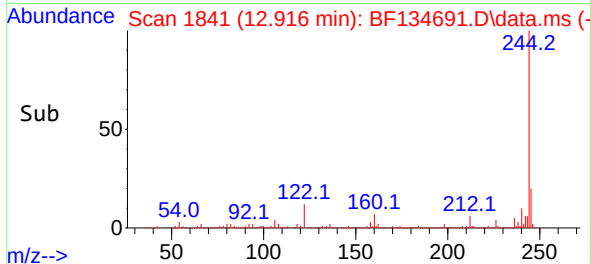
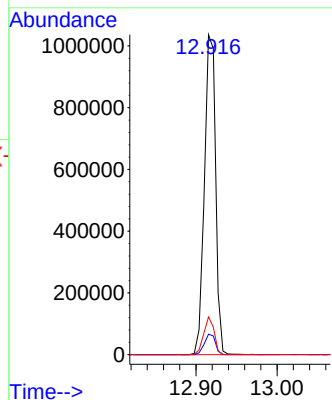


#79  
Terphenyl-d14  
Concen: 44.011 ng  
RT: 12.916 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

Instrument :  
BNA\_F  
ClientSampleId :  
ORA-1748-1719-1750-1751-1752-1753-1754



Tgt Ion:244 Resp: 993056  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.6 8.4  
122 11.8 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. 0.006 min  
Lab File: BF134691.D  
Acq: 09 Aug 2023 15:44

Tgt Ion:264 Resp: 379072  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.4 27.6  
265 21.2 15.8 23.8

