

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061523\  
 Data File : BF133778.D  
 Acq On : 15 Jun 2023 16:49  
 Operator : CG\JU  
 Sample : 03154-03 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHRT-26598

Quant Time: Jun 15 17:42:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 15:12:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 86545    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.110  | 136  | 291603   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 125884   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 244657   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 170094   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.463 | 264  | 134102   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 221814   | 44.619 | ng    | 0.00     |
| 7) Phenol-d6                | 6.451  | 99   | 244230   | 37.743 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 157711   | 29.458 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 60946    | 38.247 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 292808   | 33.065 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 347456   | 31.608 | ng    | 0.00     |

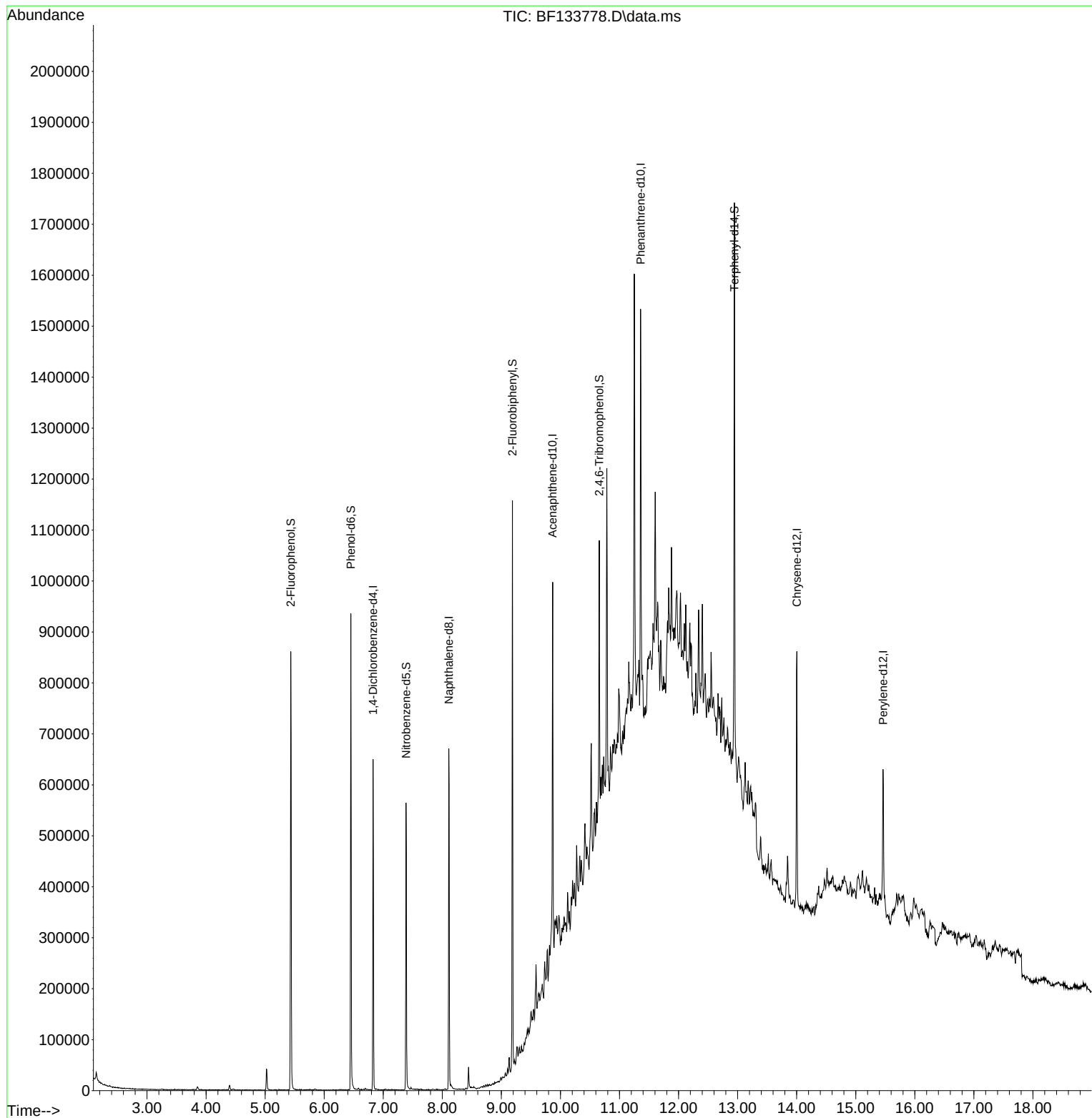
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

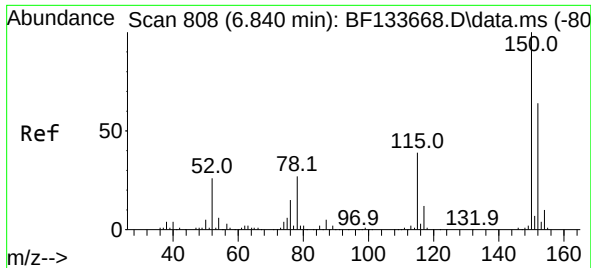
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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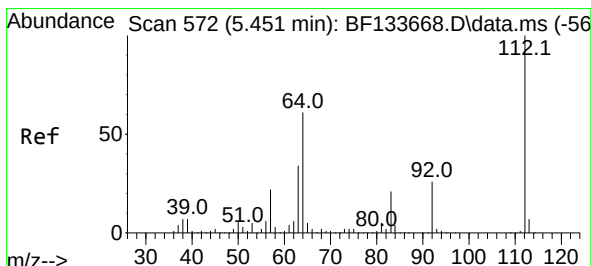
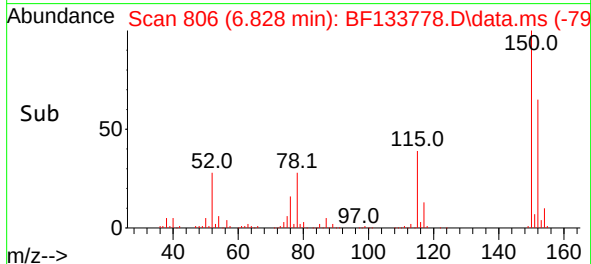
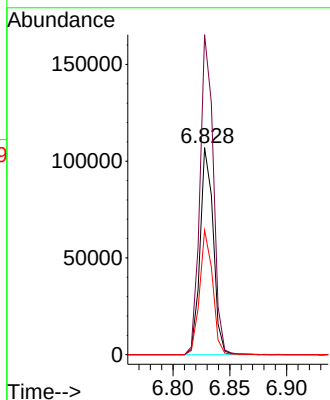
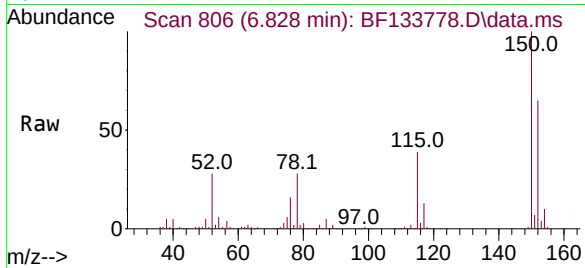




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

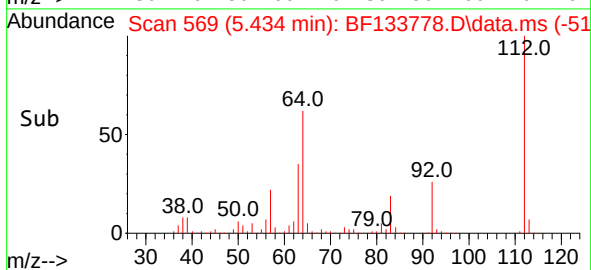
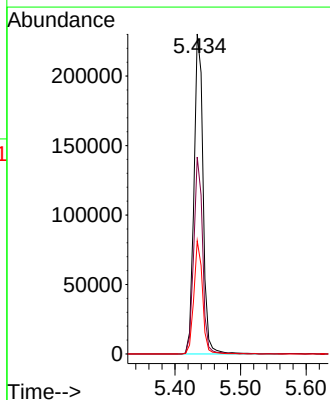
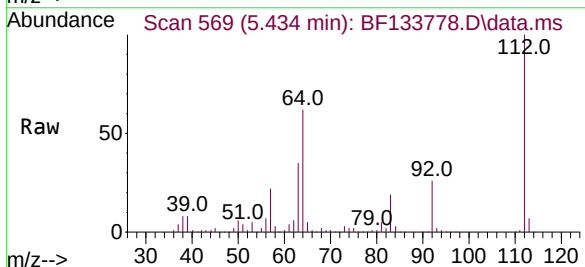
Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-26598

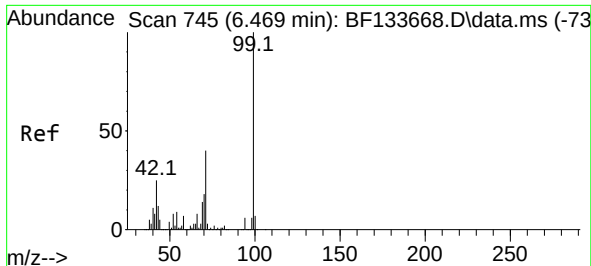
Tgt Ion:152 Resp: 86545  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.3 186.5  
115 60.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 44.619 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

Tgt Ion:112 Resp: 221814  
Ion Ratio Lower Upper  
112 100  
64 61.5 49.0 73.4  
63 35.4 26.8 40.2

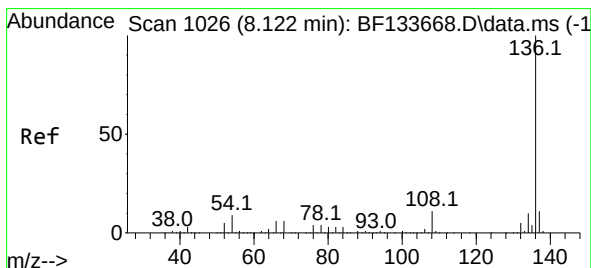
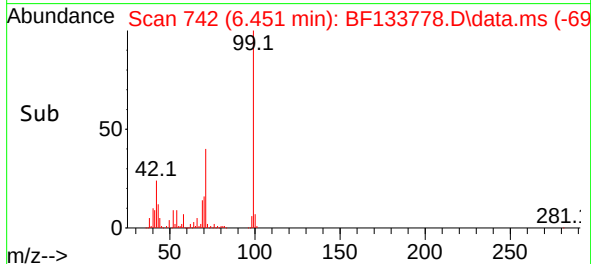
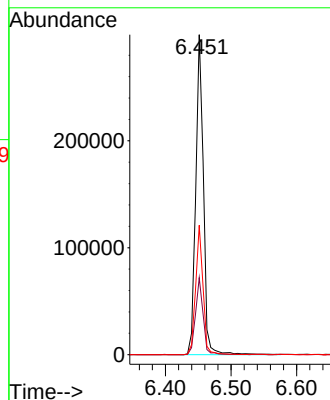
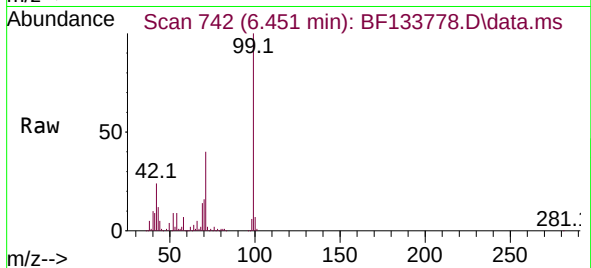




#7  
Phenol-d6  
Concen: 37.743 ng  
RT: 6.451 min Scan# 745  
Delta R.T. -0.012 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

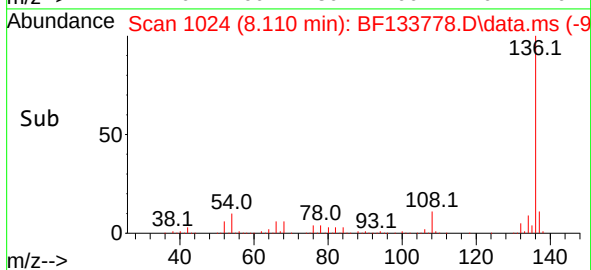
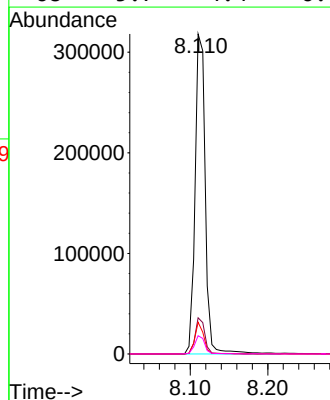
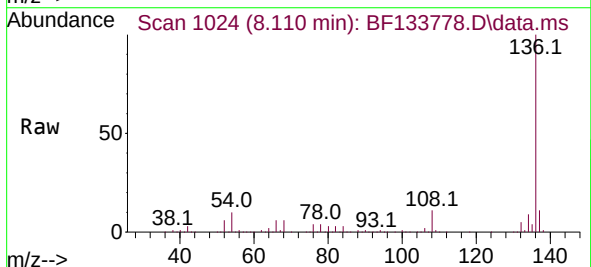
Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-26598

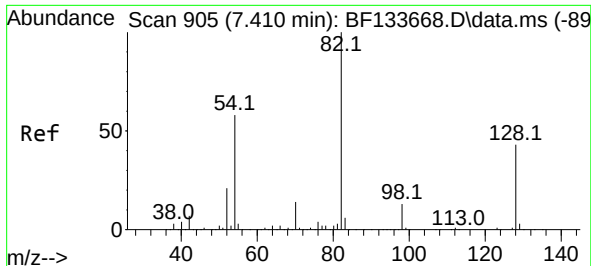
Tgt Ion: 99 Resp: 244230  
Ion Ratio Lower Upper  
99 100  
42 24.0 19.9 29.9  
71 40.5 32.2 48.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

Tgt Ion: 136 Resp: 291603  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 9.9 7.4 11.0  
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 29.458 ng

RT: 7.387 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133778.D

Acq: 15 Jun 2023 16:49

Instrument :

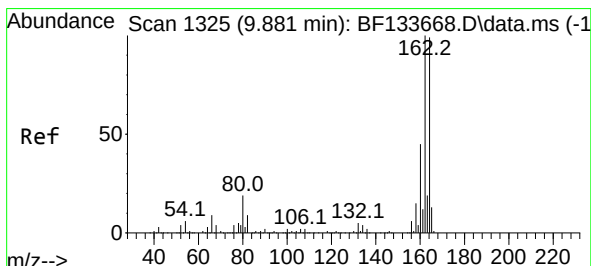
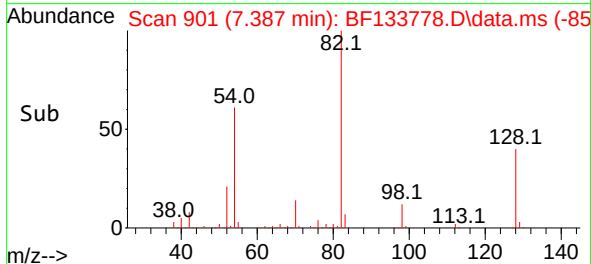
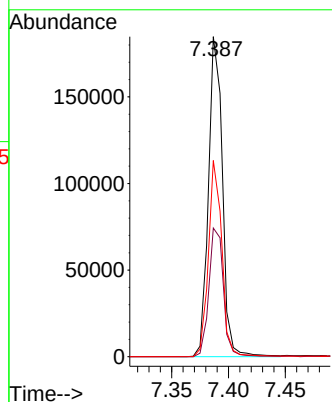
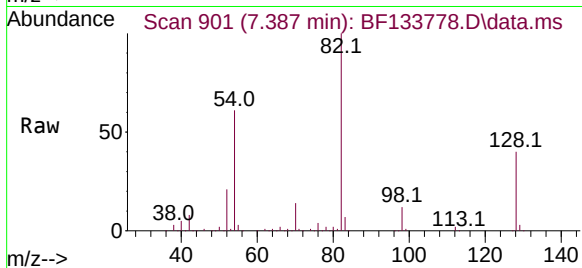
BNA\_F

ClientSampleId :

CHRT-26598

Tgt Ion: 82 Resp: 157711

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.2  | 34.2  | 51.2  |
| 54  | 61.3  | 46.5  | 69.7  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

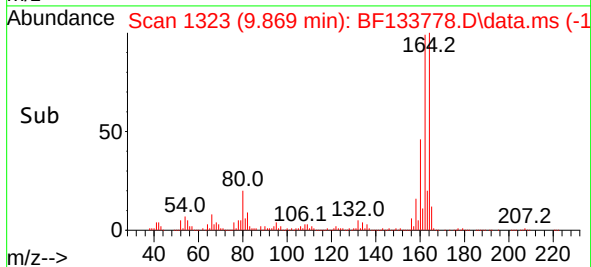
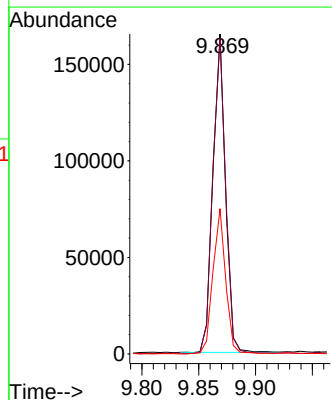
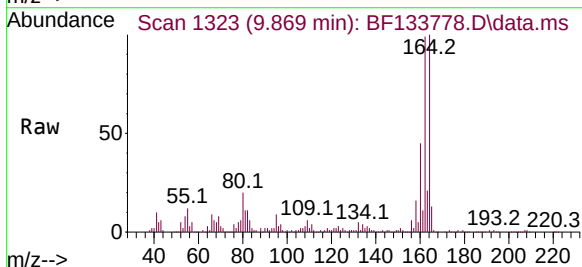
Delta R.T. -0.000 min

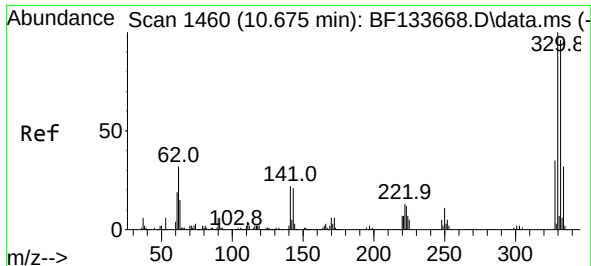
Lab File: BF133778.D

Acq: 15 Jun 2023 16:49

Tgt Ion: 164 Resp: 125884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.6  | 80.8  | 121.2 |
| 160 | 45.4  | 36.7  | 55.1  |





#42

2,4,6-Tribromophenol

Concen: 38.247 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133778.D

Acq: 15 Jun 2023 16:49

Instrument :

BNA\_F

ClientSampleId :

CHRT-26598

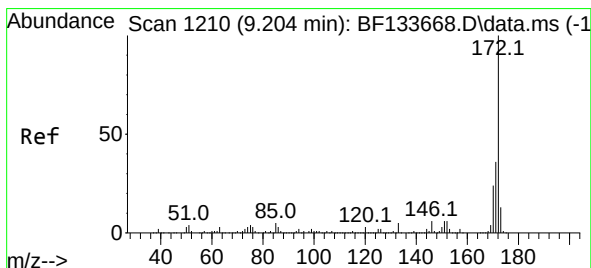
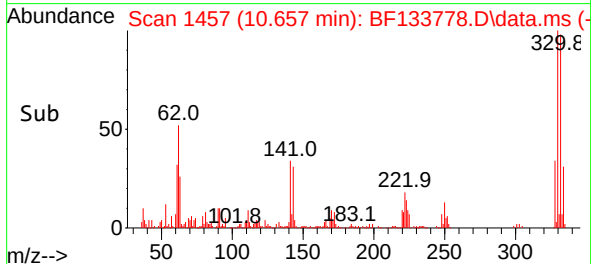
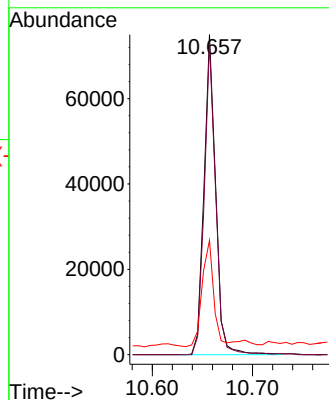
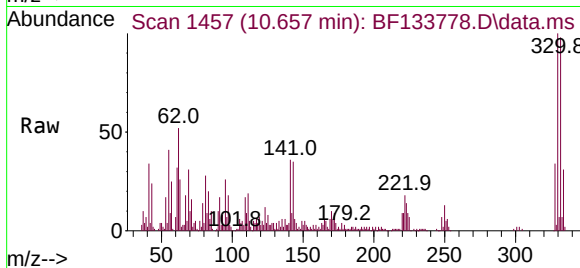
Tgt Ion:330 Resp: 60946

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

141 32.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 33.065 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133778.D

Acq: 15 Jun 2023 16:49

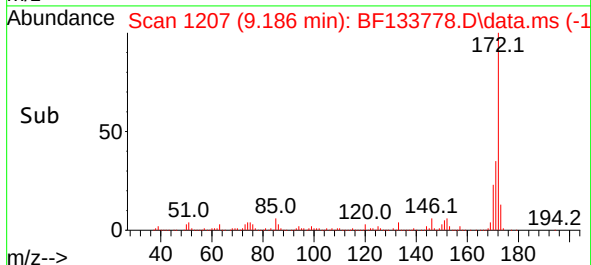
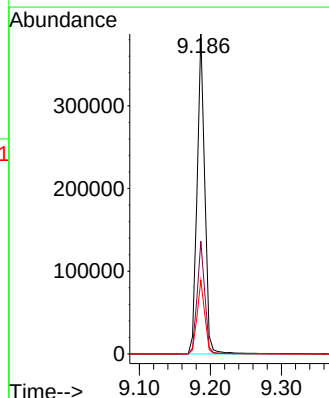
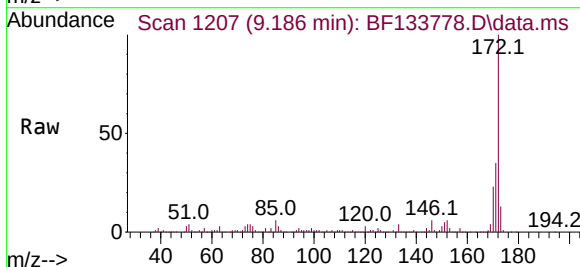
Tgt Ion:172 Resp: 292808

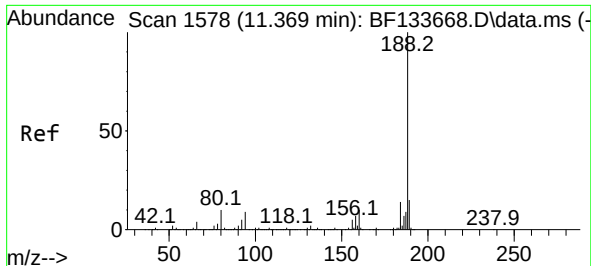
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.1 19.1 28.7

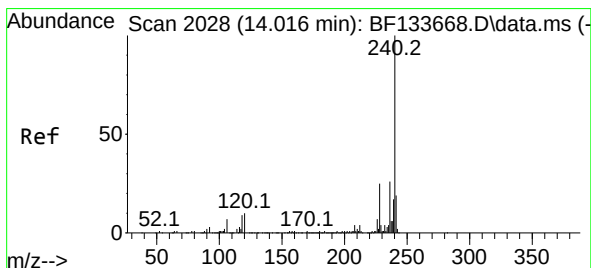
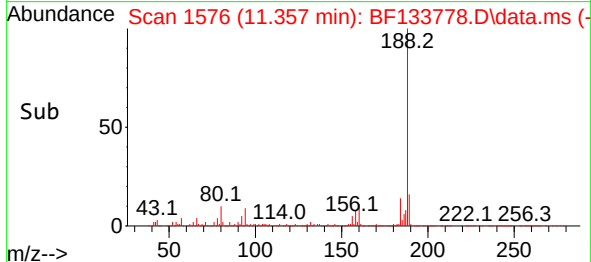
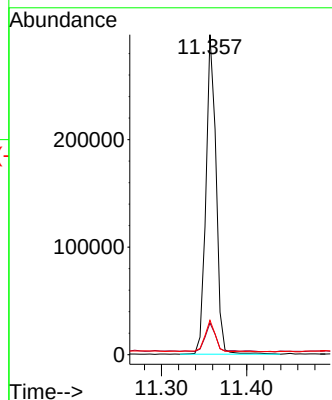
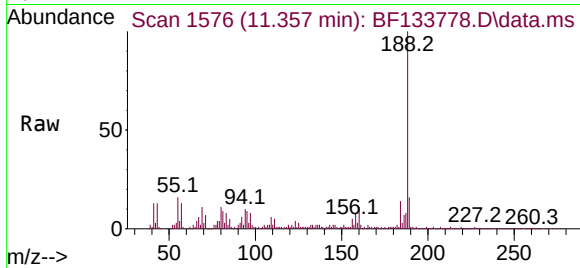




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

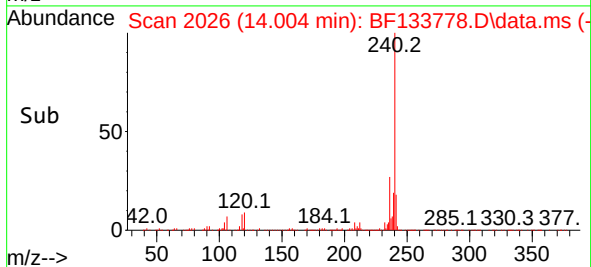
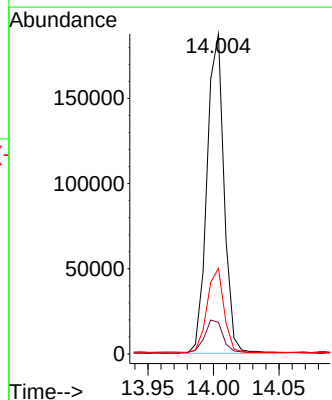
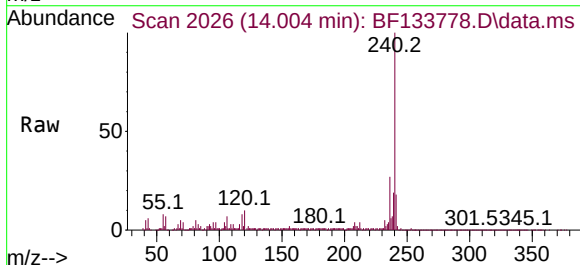
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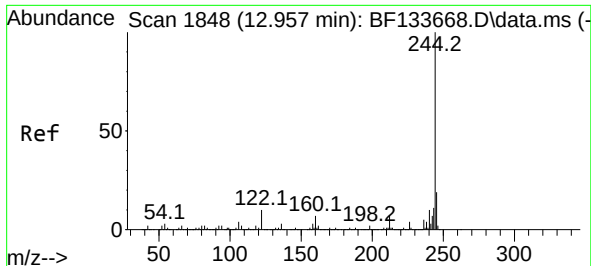
Tgt Ion:188 Resp: 244657  
Ion Ratio Lower Upper  
188 100  
94 9.9 6.8 10.2  
80 10.7 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BF133778.D  
Acq: 15 Jun 2023 16:49

Tgt Ion:240 Resp: 170094  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.1 12.1  
236 26.7 20.5 30.7

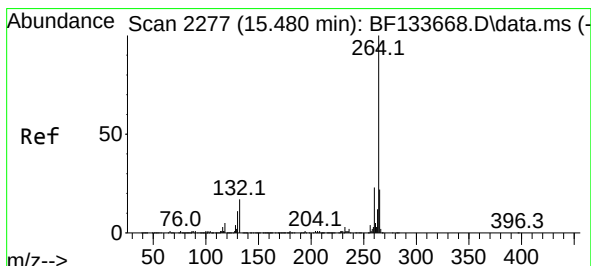
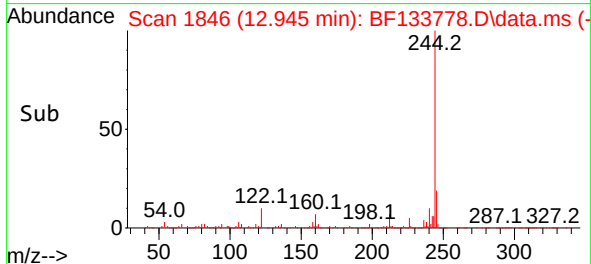
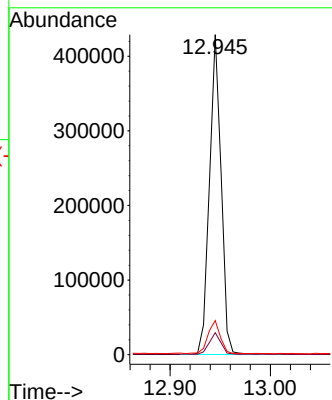
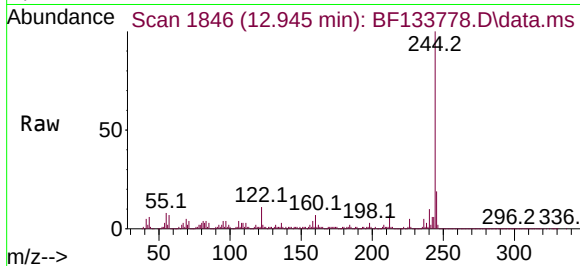




#79  
 Terphenyl-d14  
 Concen: 31.608 ng  
 RT: 12.945 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: BF133778.D  
 Acq: 15 Jun 2023 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHRT-26598

Tgt Ion:244 Resp: 347456  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 10.6 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2274  
 Delta R.T. -0.000 min  
 Lab File: BF133778.D  
 Acq: 15 Jun 2023 16:49

Tgt Ion:264 Resp: 134102  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.2 27.2  
 265 22.0 17.8 26.6

