

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
 Data File : BF133061.D  
 Acq On : 26 Apr 2023 12:39  
 Operator : CG\JU  
 Sample : 02427-09  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20230350-COMP-28

Quant Time: Apr 27 01:54:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 25 18:24:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.739  | 152  | 183651   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.022  | 136  | 748691   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 394856   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.251 | 188  | 730632   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.886 | 240  | 382088   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.310 | 264  | 371523   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.351  | 112  | 1230294  | 101.197 | ng    | 0.00     |
| 7) Phenol-d6                | 6.375  | 99   | 1502469  | 99.568  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 855220   | 61.657  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.563 | 330  | 366588   | 92.316  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1409893  | 59.737  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.845 | 244  | 1478112  | 66.719  | ng    | 0.00     |

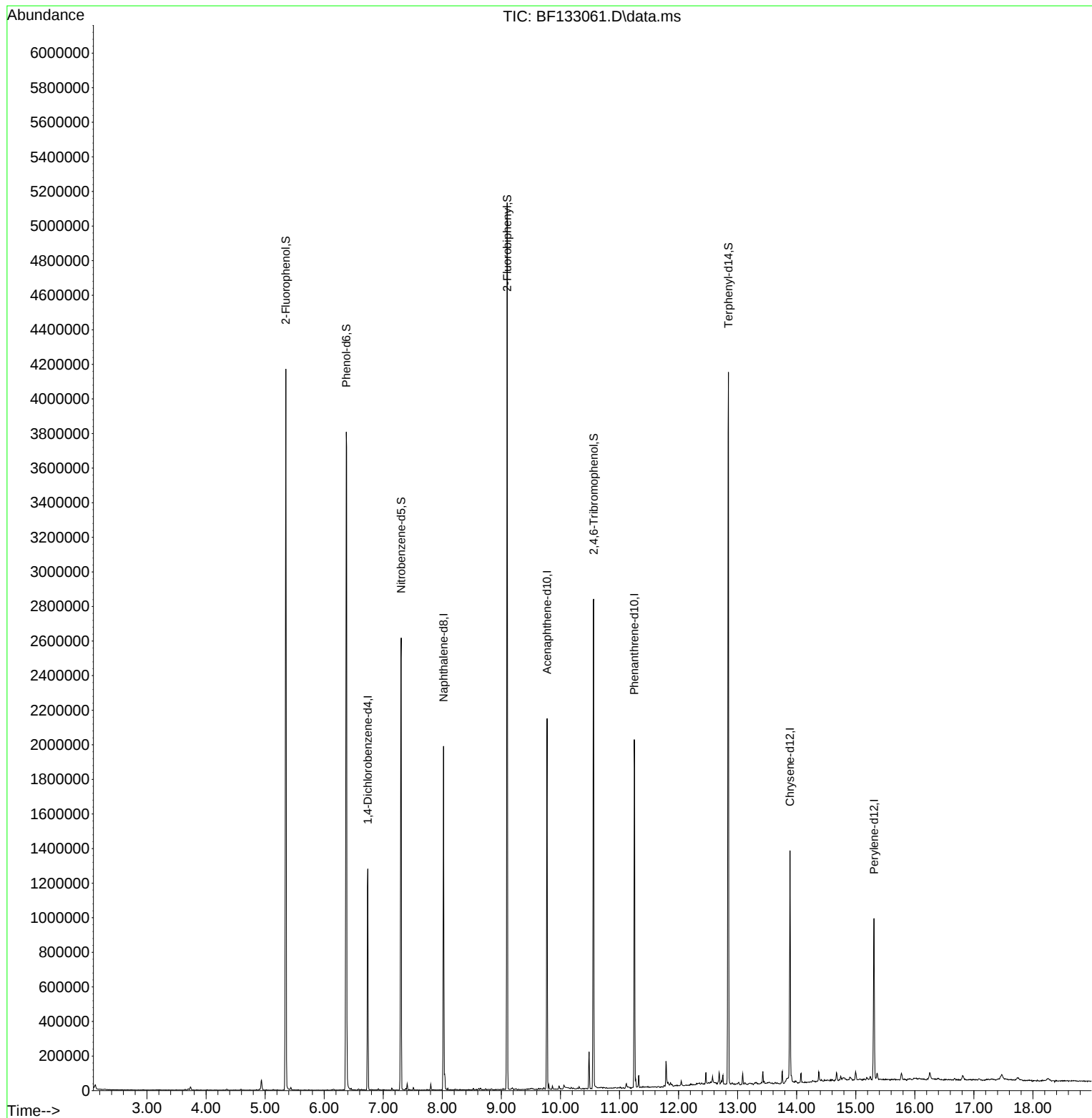
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

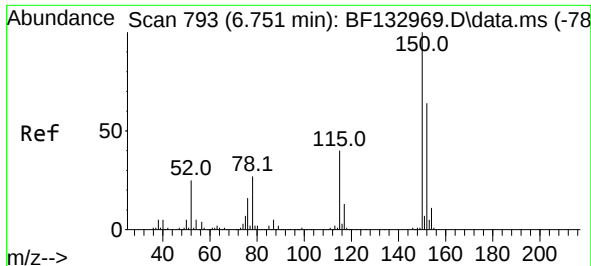
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 25 18:24:07 2023  
Response via : Initial Calibration

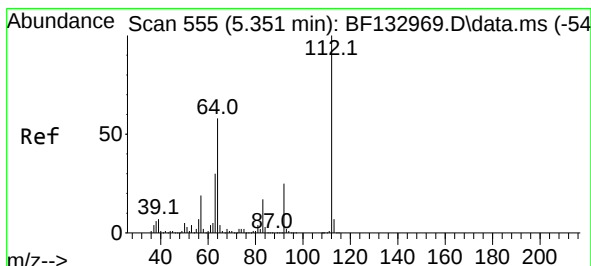
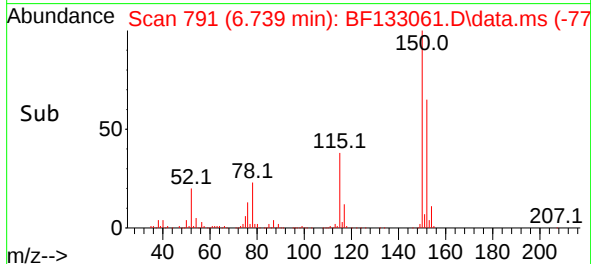
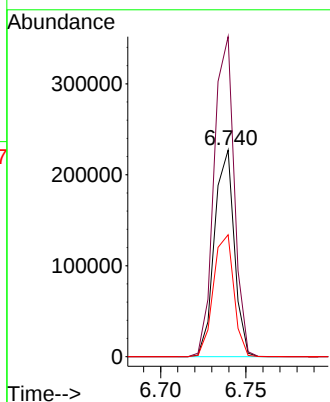
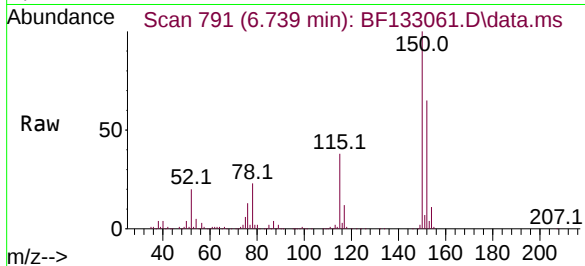




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

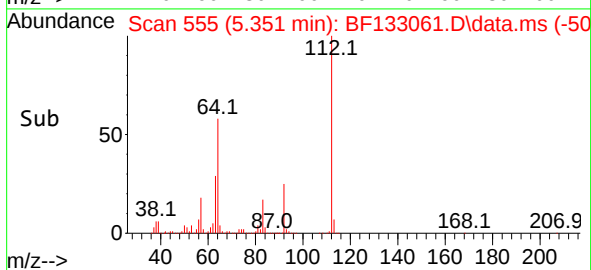
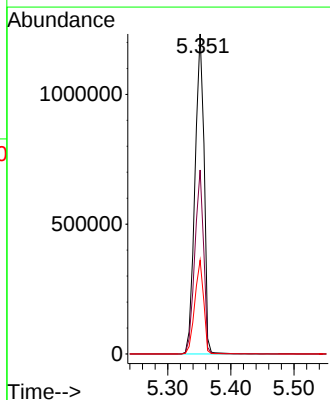
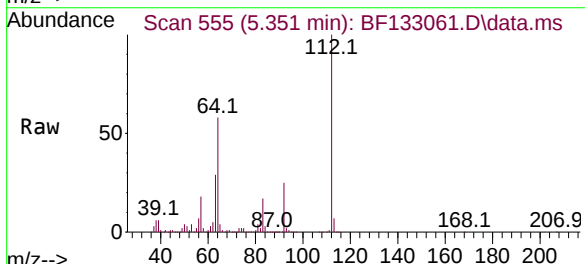
Instrument :  
BNA\_F  
ClientSampleId :  
20230350-COMP-28

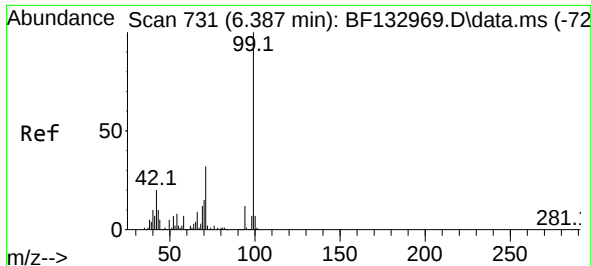
Tgt Ion:152 Resp: 183651  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.8 187.2  
115 59.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 101.197 ng  
RT: 5.351 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

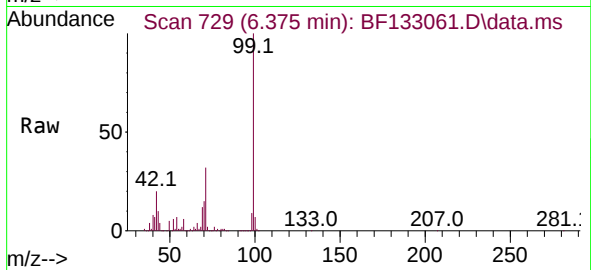
Tgt Ion:112 Resp: 1230294  
Ion Ratio Lower Upper  
112 100  
64 57.5 46.8 70.2  
63 29.3 23.8 35.8



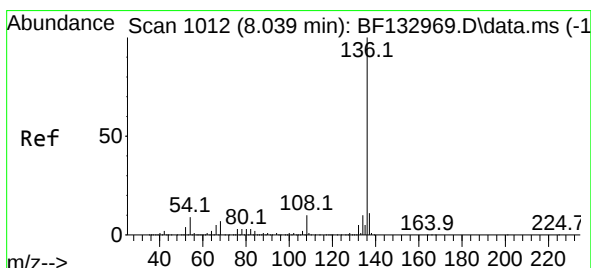
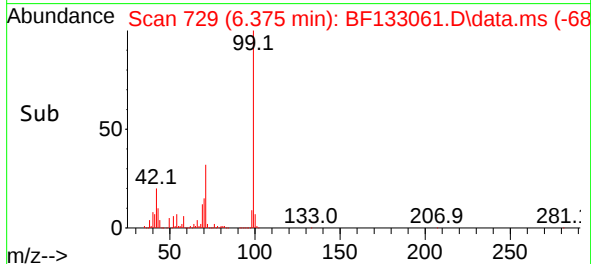
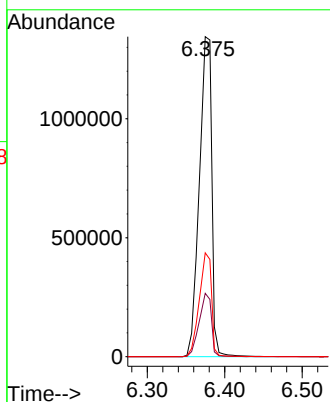


#7  
Phenol-d6  
Concen: 99.568 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

Instrument :  
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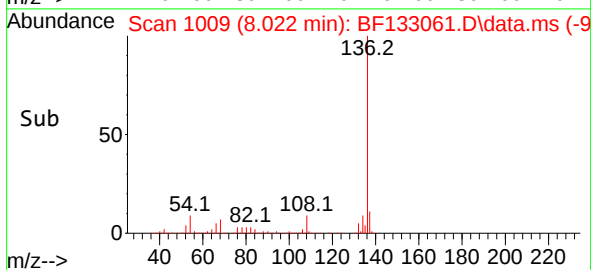
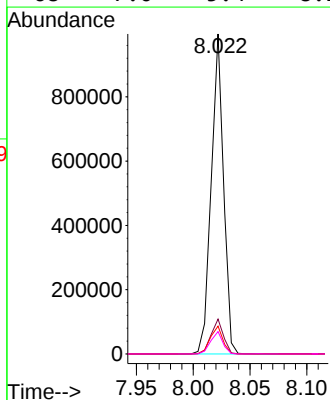
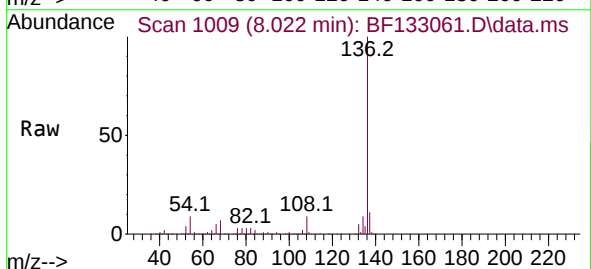


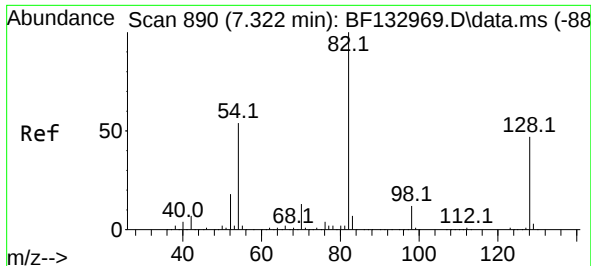
Tgt Ion: 99 Resp: 1502469  
Ion Ratio Lower Upper  
99 100  
42 19.8 16.3 24.5  
71 32.4 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

Tgt Ion: 136 Resp: 748691  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.7 7.0 10.4  
68 7.0 5.4 8.2

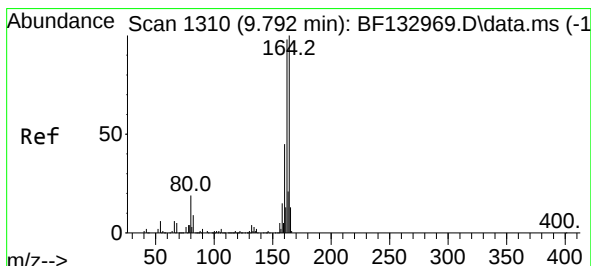
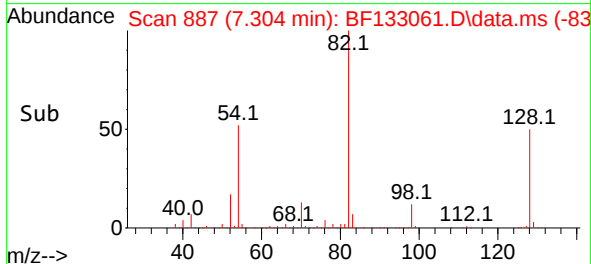
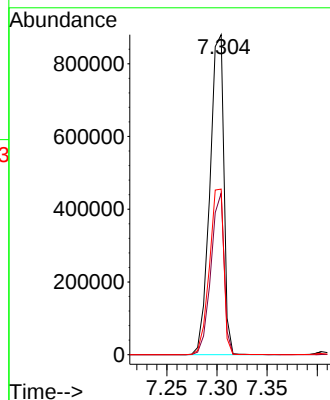
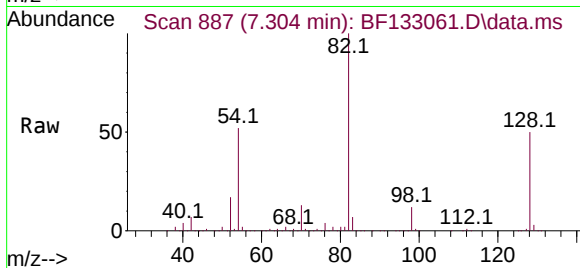




#23  
Nitrobenzene-d5  
Concen: 61.657 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

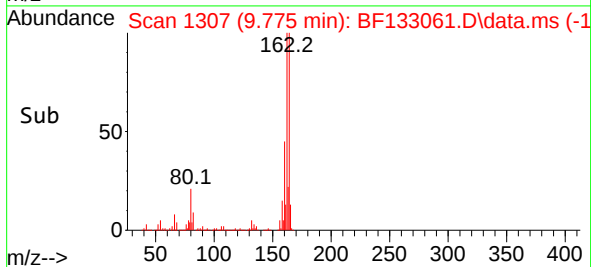
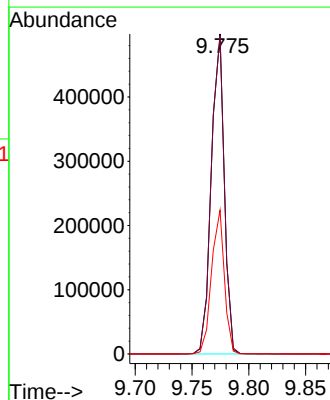
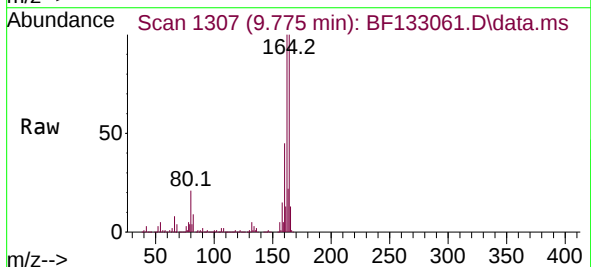
Instrument :  
BNA\_F  
ClientSampleId :  
20230350-COMP-28

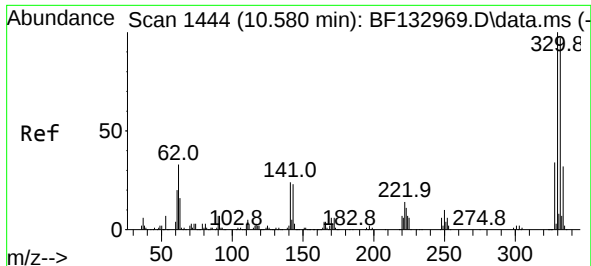
Tgt Ion: 82 Resp: 855220  
Ion Ratio Lower Upper  
82 100  
128 50.5 37.7 56.5  
54 51.7 43.0 64.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

Tgt Ion:164 Resp: 394856  
Ion Ratio Lower Upper  
164 100  
162 99.5 78.7 118.1  
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 92.316 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133061.D

Acq: 26 Apr 2023 12:39

Instrument :

BNA\_F

ClientSampleId :

20230350-COMP-28

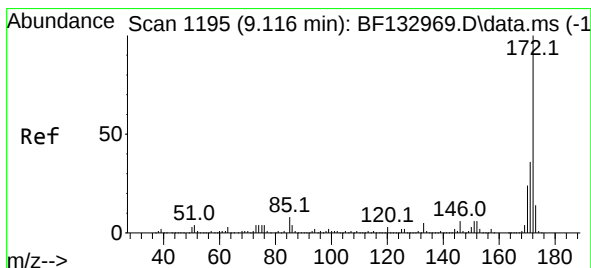
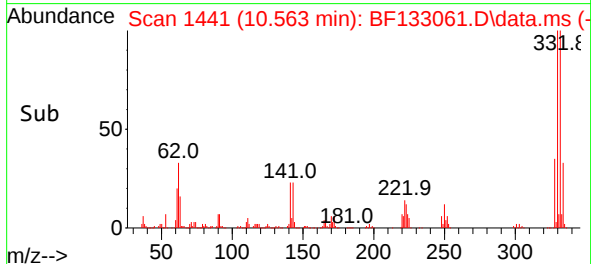
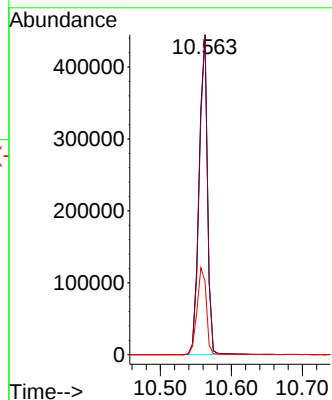
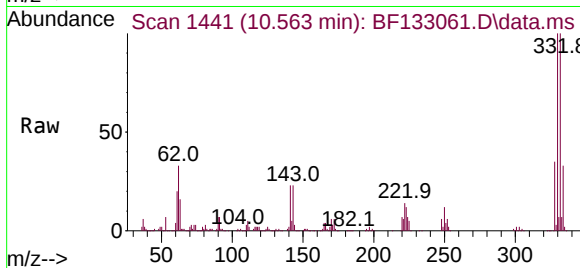
Tgt Ion:330 Resp: 366588

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.737 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133061.D

Acq: 26 Apr 2023 12:39

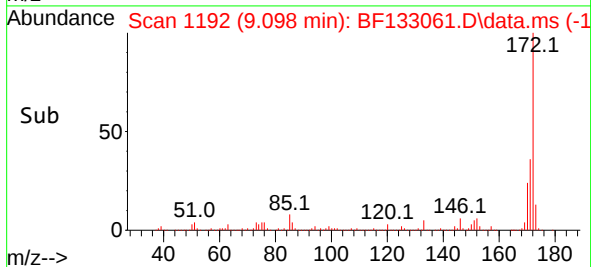
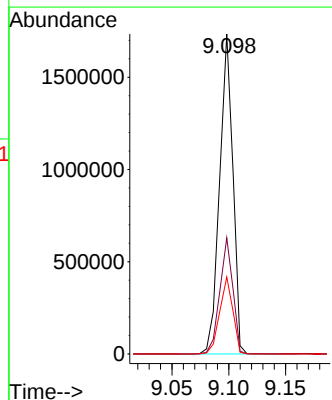
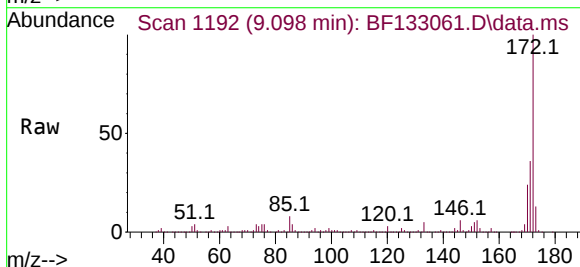
Tgt Ion:172 Resp: 1409893

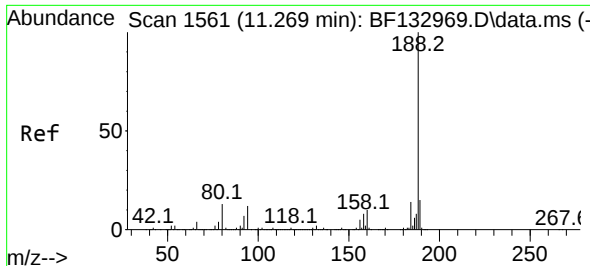
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 19.4 29.2

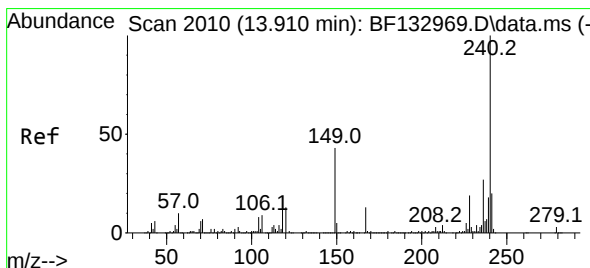
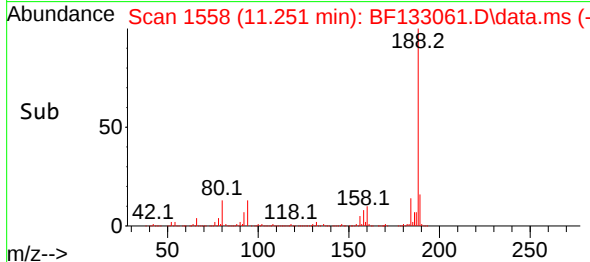
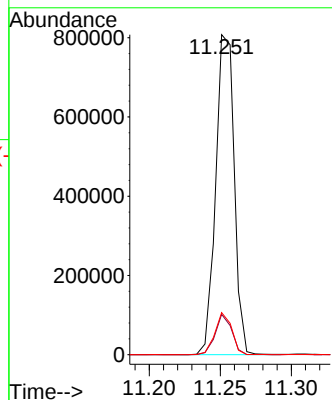
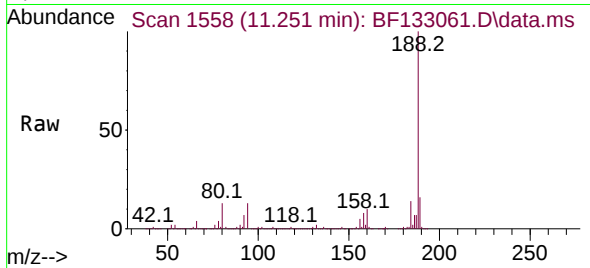




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.251 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

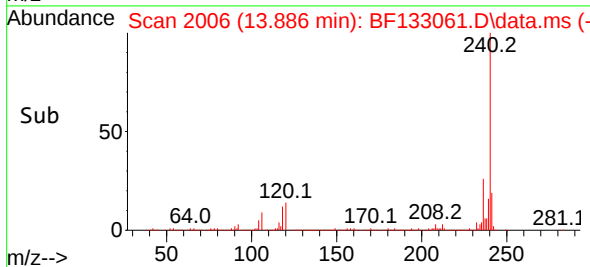
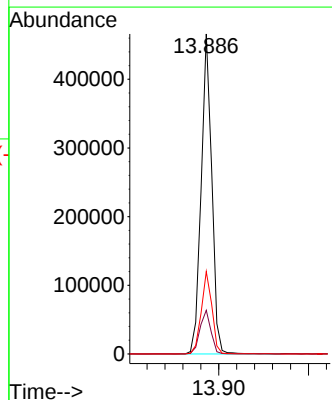
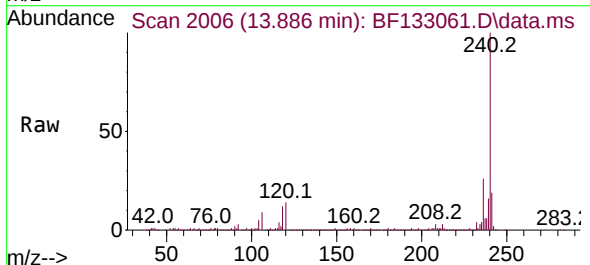
Instrument :  
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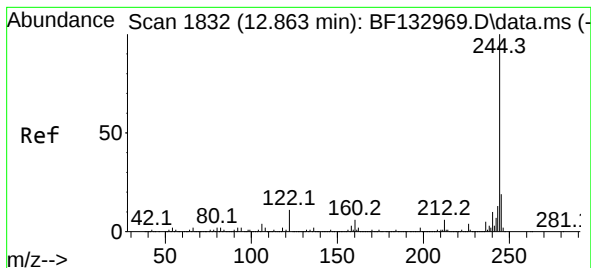
Tgt Ion:188 Resp: 730632  
Ion Ratio Lower Upper  
188 100  
94 12.6 9.7 14.5  
80 13.1 10.4 15.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.012 min  
Lab File: BF133061.D  
Acq: 26 Apr 2023 12:39

Tgt Ion:240 Resp: 382088  
Ion Ratio Lower Upper  
240 100  
120 13.7 10.5 15.7  
236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 66.719 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF133061.D

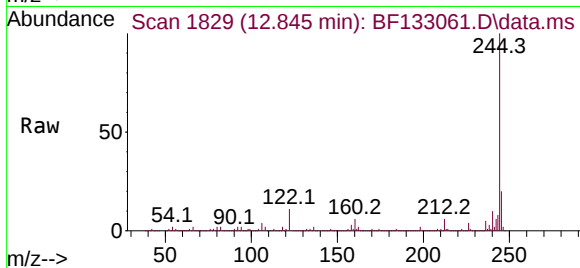
Acq: 26 Apr 2023 12:39

Instrument :

BNA\_F

ClientSampleId :

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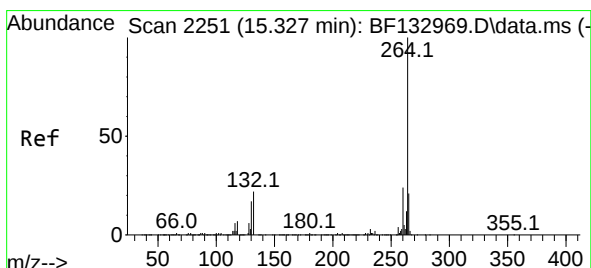
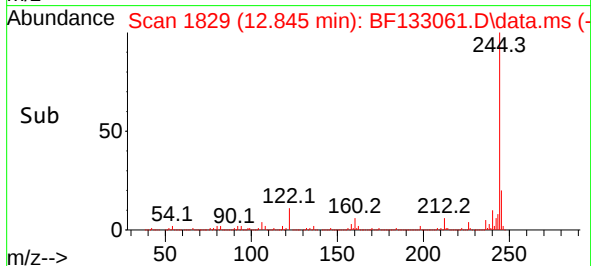
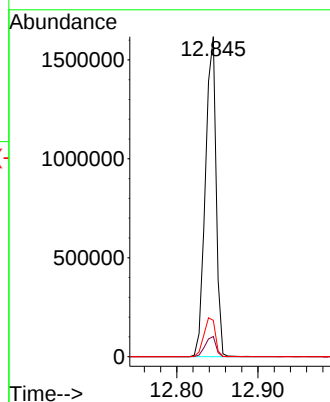
Tgt Ion:244 Resp: 1478112

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133061.D

Acq: 26 Apr 2023 12:39

Tgt Ion:264 Resp: 371523

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 20.7 17.0 25.4

