

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091222\  
 Data File : BF130213.D  
 Acq On : 12 Sep 2022 19:35  
 Operator : CG\JU  
 Sample : N4555-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 257248-3

Quant Time: Sep 13 14:27:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 07 02:05:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.686  | 152  | 133703   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.969  | 136  | 581567   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.716  | 164  | 274174   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.198 | 188  | 385266   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.827 | 240  | 211193   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.221 | 264  | 200158   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.281  | 112  | 480063   | 60.955  | ng    | -0.02    |
| 7) Phenol-d6                | 6.310  | 99   | 402439   | 40.987  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.251  | 82   | 893207   | 98.704  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.504 | 330  | 280656   | 112.454 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.045  | 172  | 1490292  | 90.119  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.786 | 244  | 932870   | 76.599  | ng    | -0.01    |

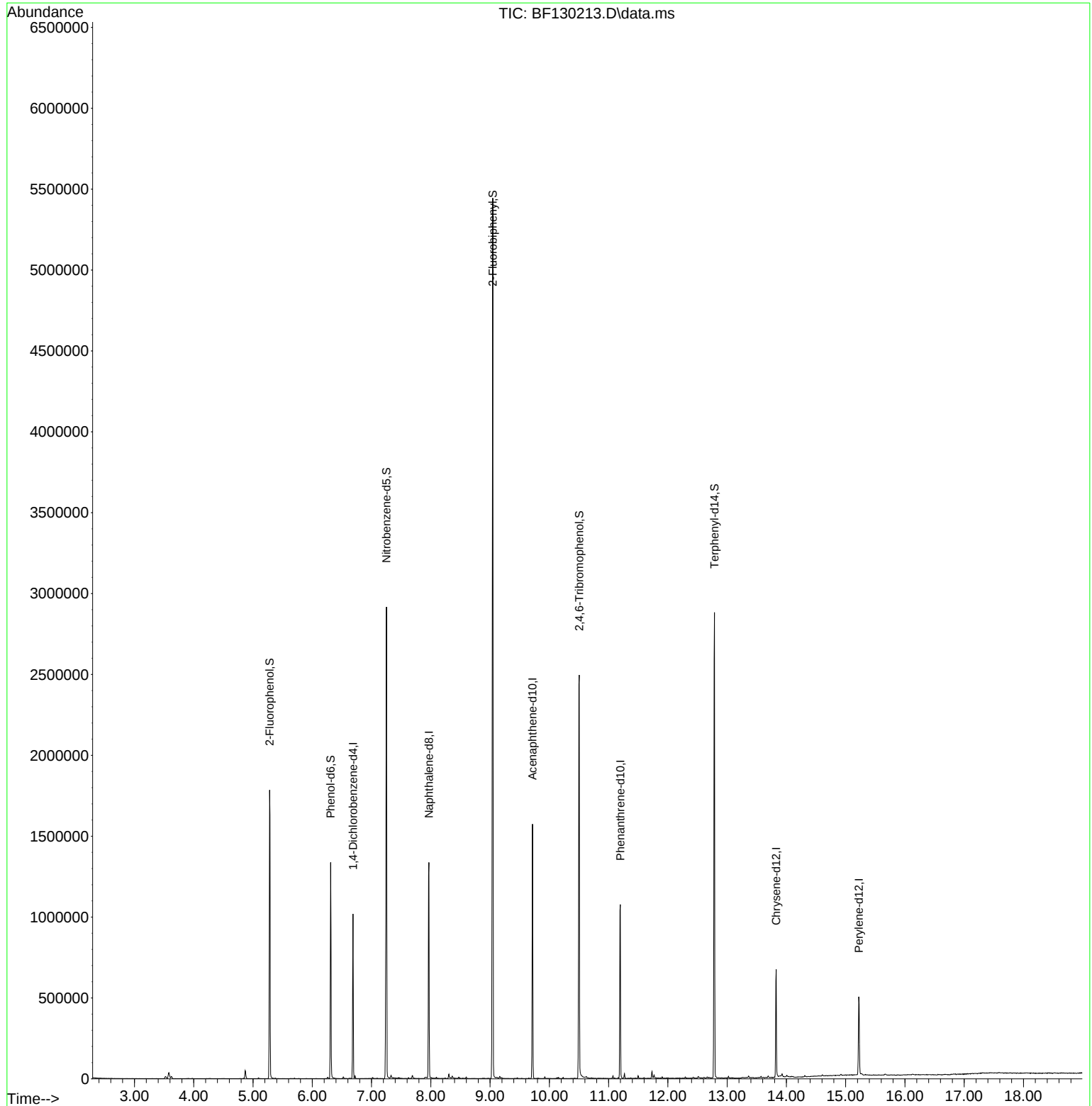
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

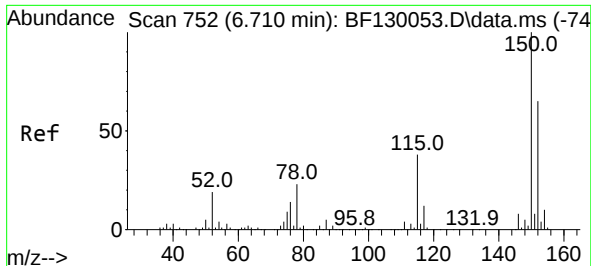
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091222\  
Data File : BF130213.D  
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Sample : N4555-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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Quant Time: Sep 13 14:27:27 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 07 02:05:07 2022  
Response via : Initial Calibration

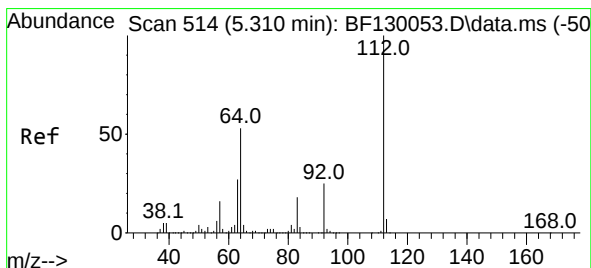
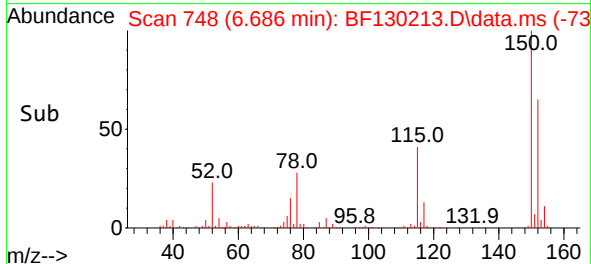
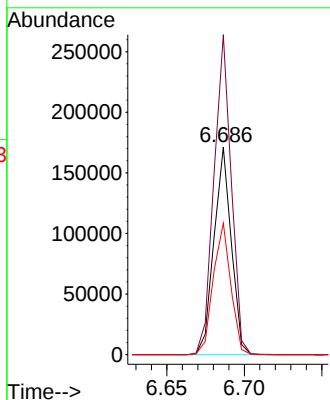
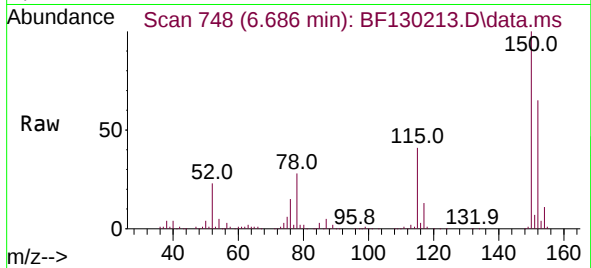




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.686 min Scan# 74  
 Delta R.T. -0.012 min  
 Lab File: BF130213.D  
 Acq: 12 Sep 2022 19:35

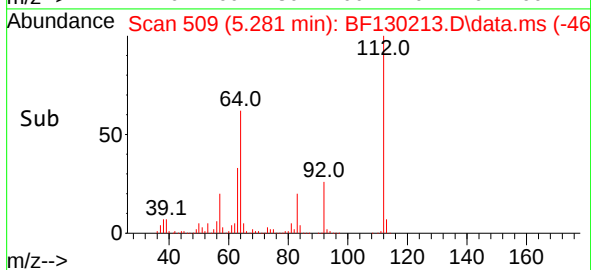
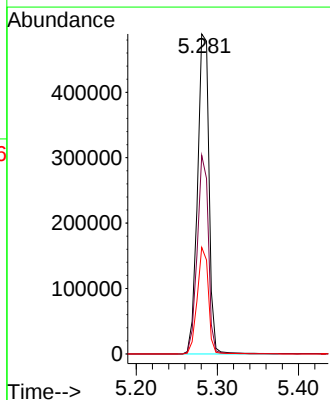
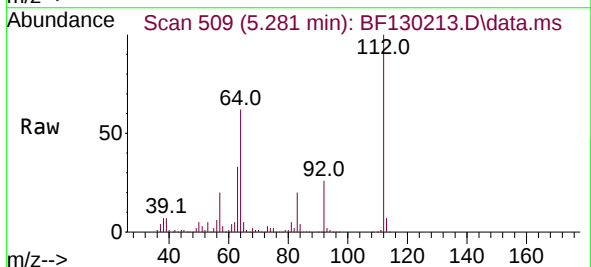
Instrument :  
 BNA\_F  
 ClientSampleId :  
 257248-3

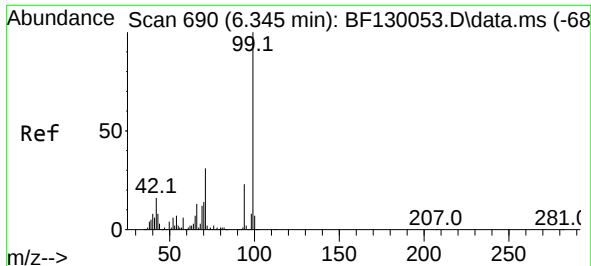
Tgt Ion:152 Resp: 133703  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 126.9 190.3  
 115 63.3 53.4 80.0



#5  
 2-Fluorophenol  
 Concen: 60.955 ng  
 RT: 5.281 min Scan# 509  
 Delta R.T. -0.018 min  
 Lab File: BF130213.D  
 Acq: 12 Sep 2022 19:35

Tgt Ion:112 Resp: 480063  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 47.6 71.4  
 63 33.3 24.6 37.0

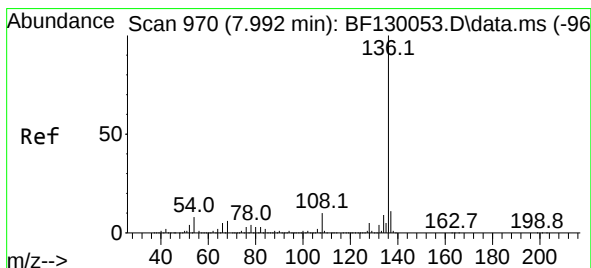
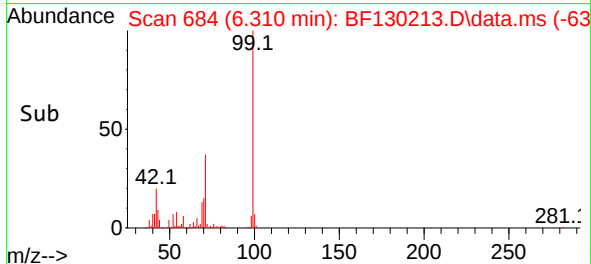
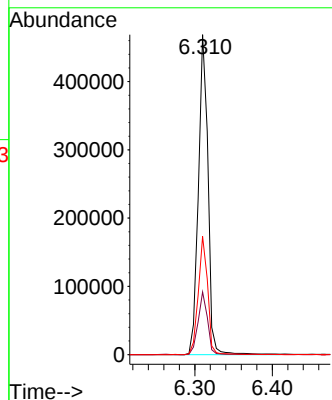
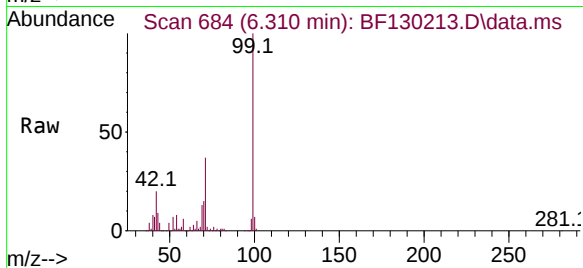




#7  
Phenol-d6  
Concen: 40.987 ng  
RT: 6.310 min Scan# 68  
Delta R.T. -0.024 min  
Lab File: BF130213.D  
Acq: 12 Sep 2022 19:35

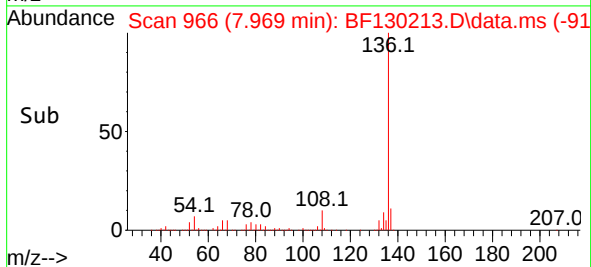
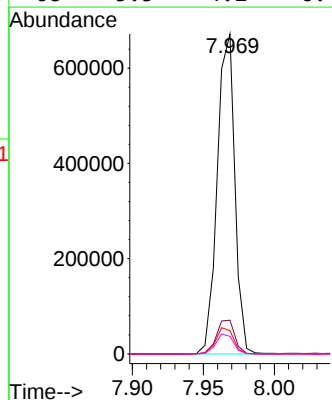
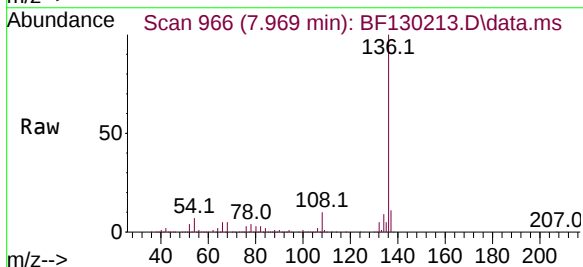
Instrument :  
BNA\_F  
ClientSampleId :  
257248-3

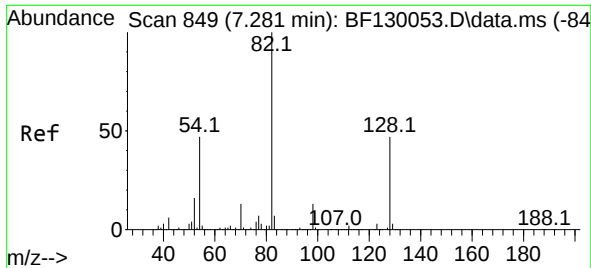
Tgt Ion: 99 Resp: 402439  
Ion Ratio Lower Upper  
99 100  
42 19.6 15.0 22.4  
71 36.9 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.969 min Scan# 966  
Delta R.T. -0.012 min  
Lab File: BF130213.D  
Acq: 12 Sep 2022 19:35

Tgt Ion: 136 Resp: 581567  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.4 12.6  
54 7.3 6.2 9.2  
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 98.704 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Instrument :

BNA\_F

ClientSampleId :

257248-3

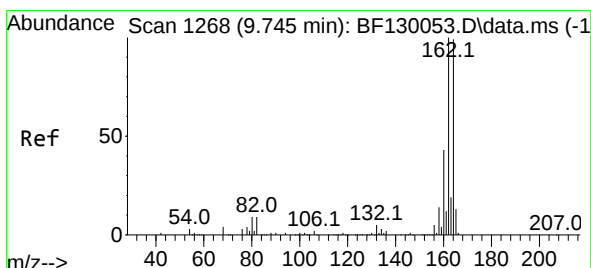
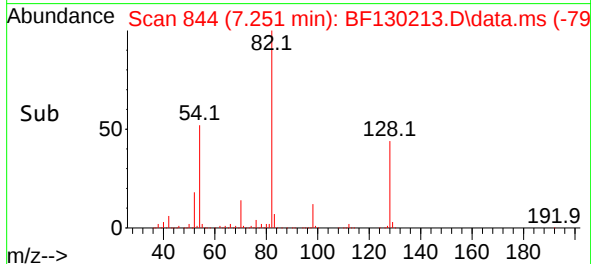
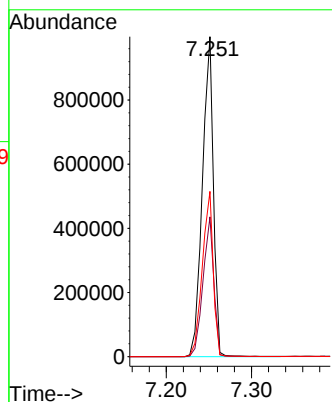
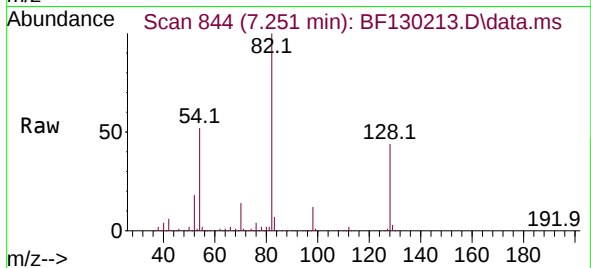
Tgt Ion: 82 Resp: 893207

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

54 51.6 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.018 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

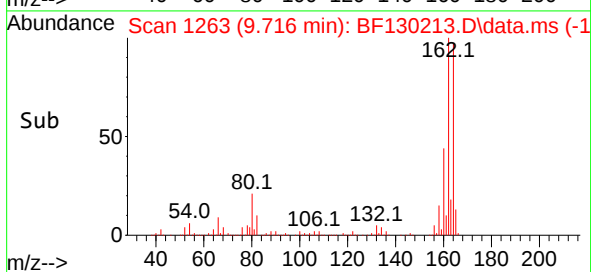
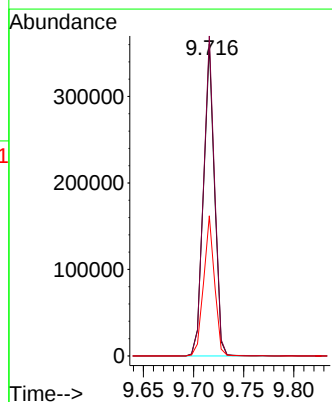
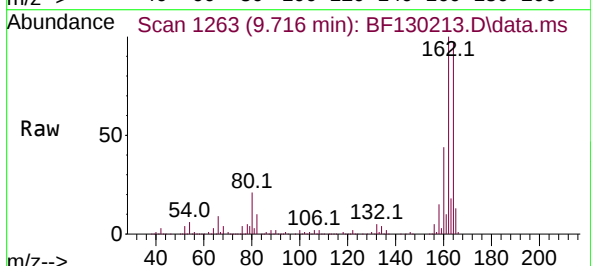
Tgt Ion: 164 Resp: 274174

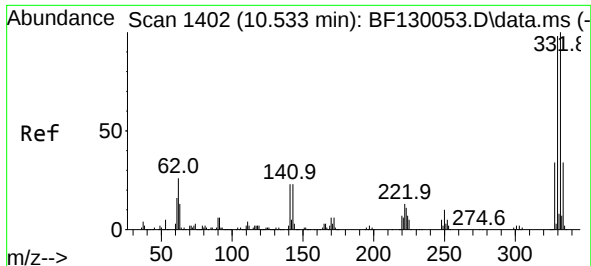
Ion Ratio Lower Upper

164 100

162 102.6 82.0 123.0

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 112.454 ng

RT: 10.504 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

Instrument :

BNA\_F

ClientSampleId :

257248-3

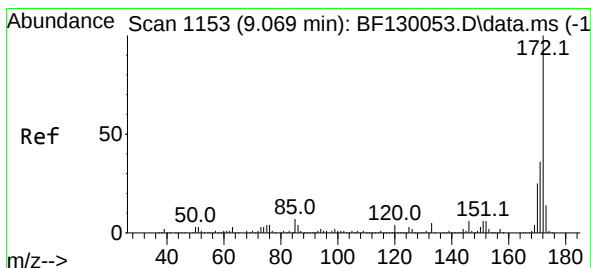
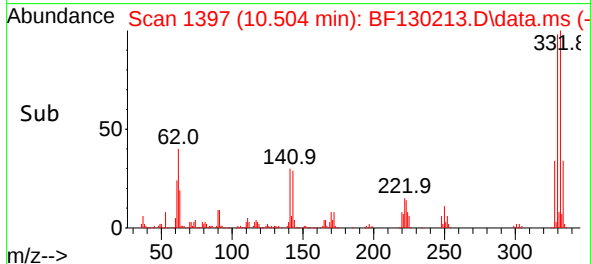
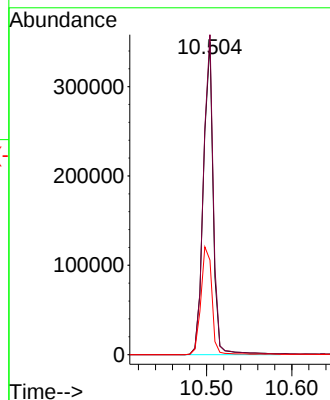
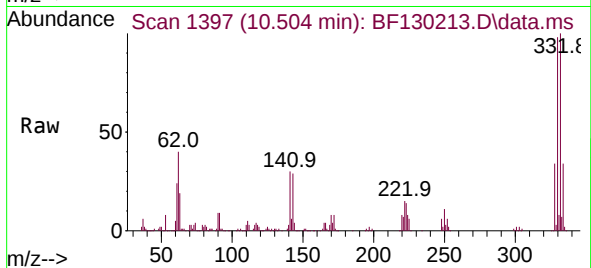
Tgt Ion:330 Resp: 280656

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 38.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.119 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130213.D

Acq: 12 Sep 2022 19:35

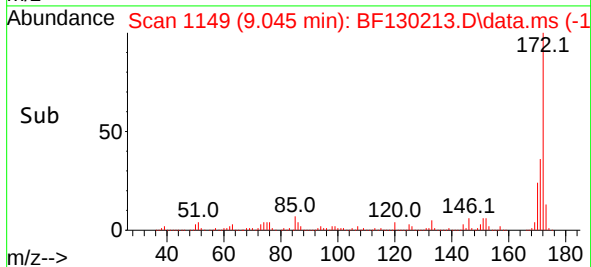
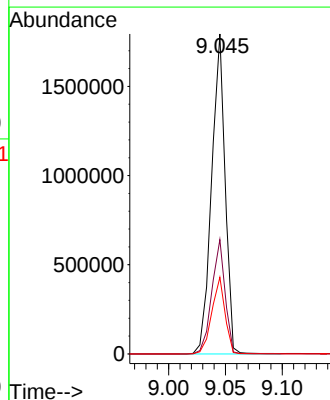
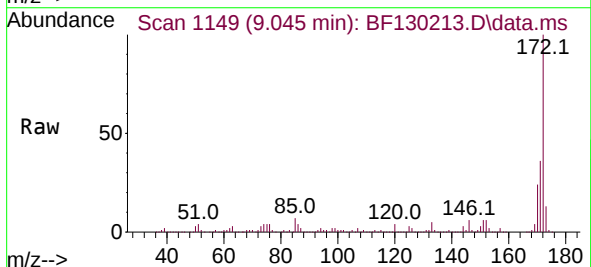
Tgt Ion:172 Resp: 1490292

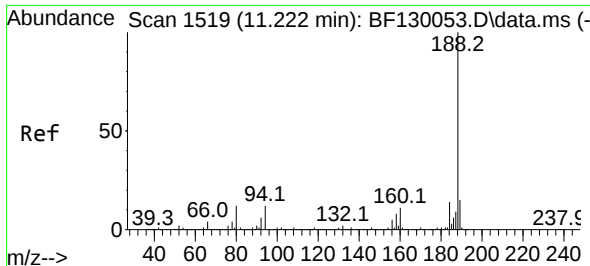
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.1 28.7

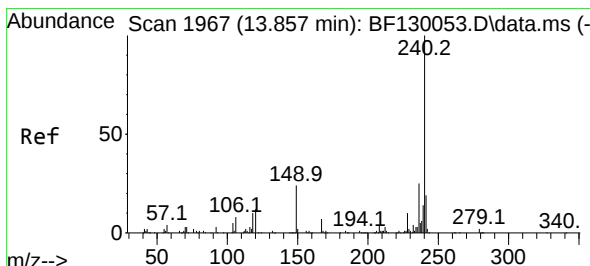
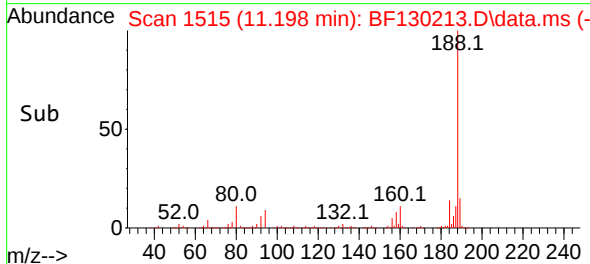
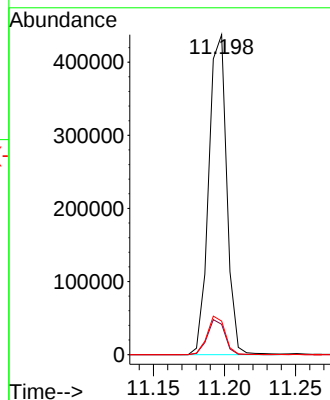
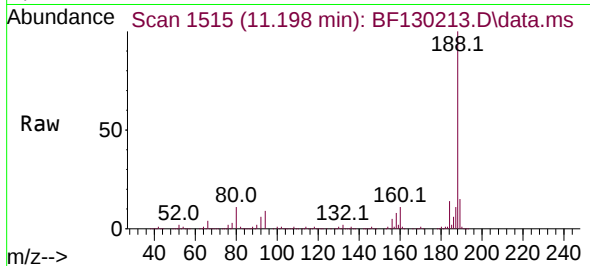




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.198 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130213.D  
Acq: 12 Sep 2022 19:35

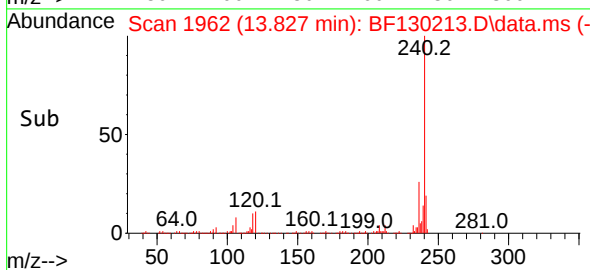
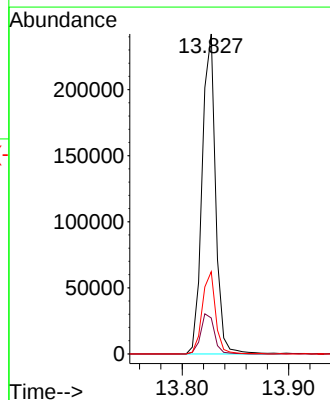
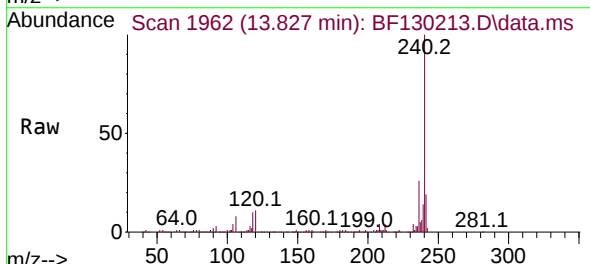
Instrument :  
BNA\_F  
ClientSampleId :  
257248-3

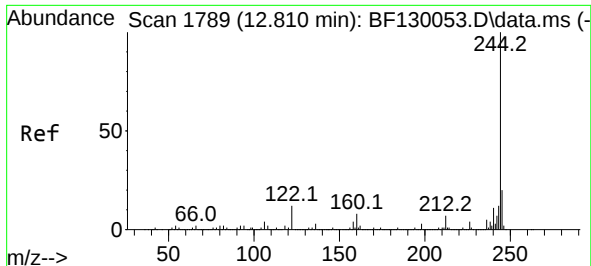
Tgt Ion:188 Resp: 385266  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.4 11.2  
80 10.5 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.827 min Scan# 1962  
Delta R.T. -0.018 min  
Lab File: BF130213.D  
Acq: 12 Sep 2022 19:35

Tgt Ion:240 Resp: 211193  
Ion Ratio Lower Upper  
240 100  
120 11.2 9.2 13.8  
236 25.7 20.7 31.1

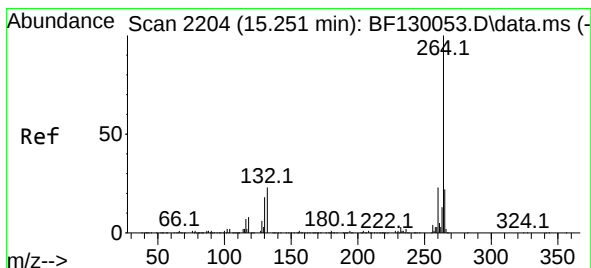
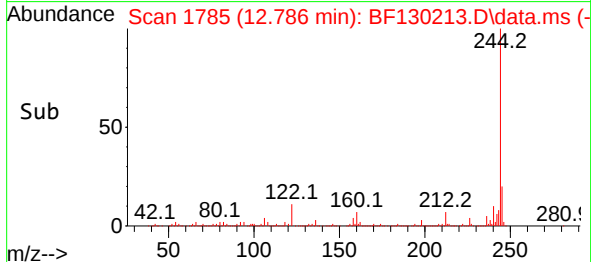
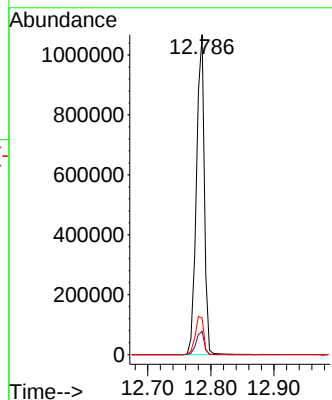
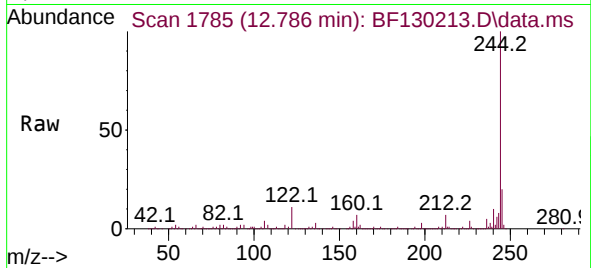




#79  
 Terphenyl-d14  
 Concen: 76.599 ng  
 RT: 12.786 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF130213.D  
 Acq: 12 Sep 2022 19:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 257248-3

Tgt Ion:244 Resp: 932870  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 11.4 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.221 min Scan# 2199  
 Delta R.T. -0.018 min  
 Lab File: BF130213.D  
 Acq: 12 Sep 2022 19:35

Tgt Ion:264 Resp: 200158  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.1 28.7  
 265 22.0 16.7 25.1

