

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052423\  
 Data File : BF133471.D  
 Acq On : 24 May 2023 15:23  
 Operator : CG\JU  
 Sample : 02892-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-33

Quant Time: May 24 16:29:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 24 02:41:39 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 97999    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 377852   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 184329   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 357488   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 285567   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.463 | 264  | 242446   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 696816   | 116.230 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 786244   | 109.094 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 551874   | 100.976 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 245292   | 144.056 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1013146  | 77.330  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 1240738  | 83.069  | ng    | 0.00     |

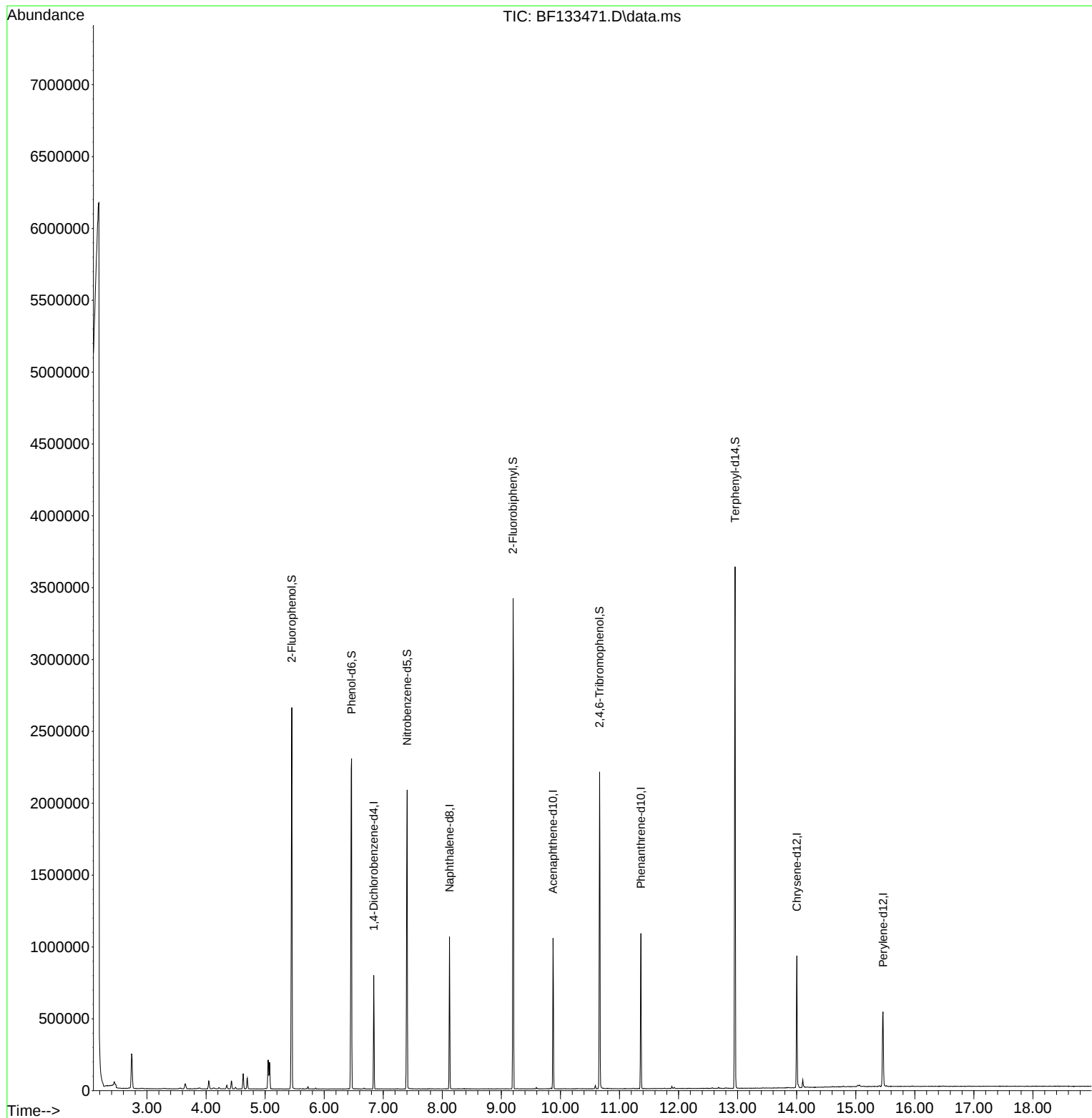
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

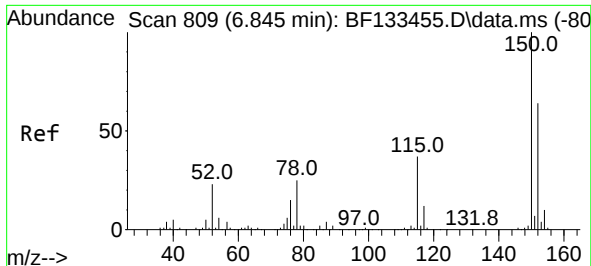
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 16:29:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 24 02:41:39 2023  
Response via : Initial Calibration

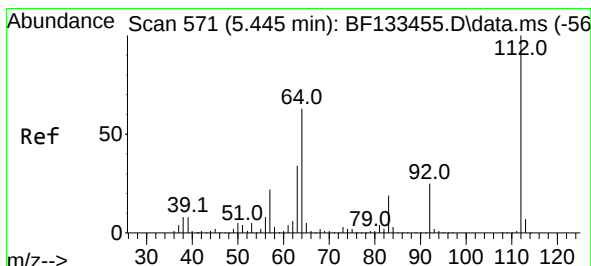
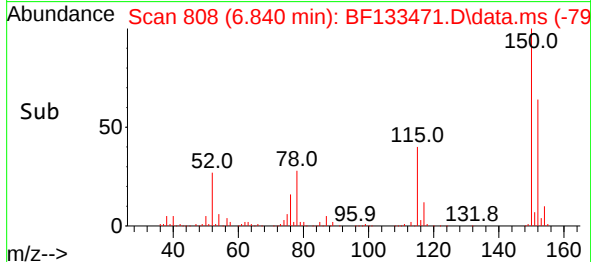
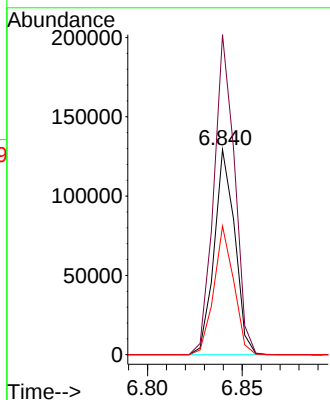
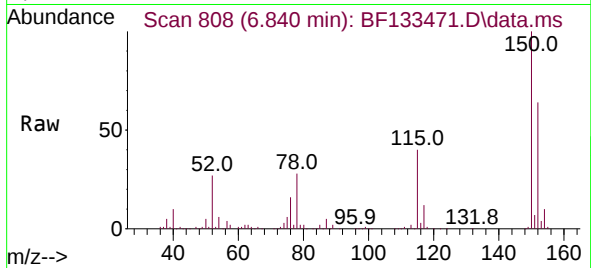




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 809  
Delta R.T. -0.005 min  
Lab File: BF133471.D  
Acq: 24 May 2023 15:23

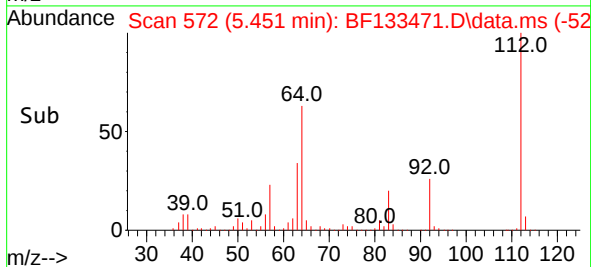
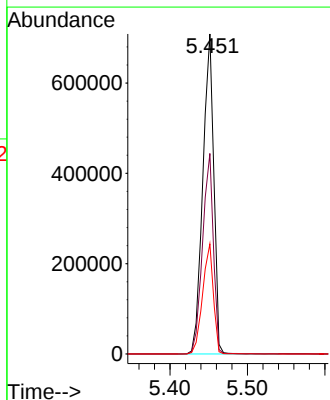
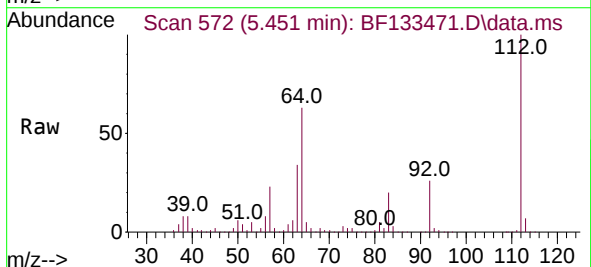
Instrument :  
BNA\_F  
ClientSampleId :  
TP-33

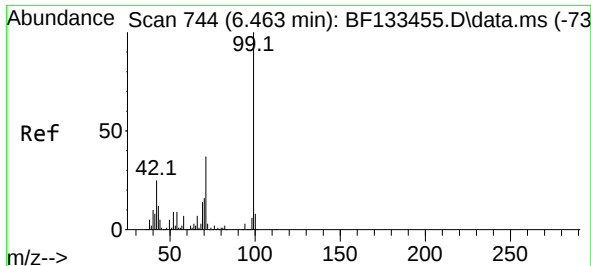
Tgt Ion:152 Resp: 97999  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.6 188.4  
115 62.8 47.0 70.4



#5  
2-Fluorophenol  
Concen: 116.230 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: BF133471.D  
Acq: 24 May 2023 15:23

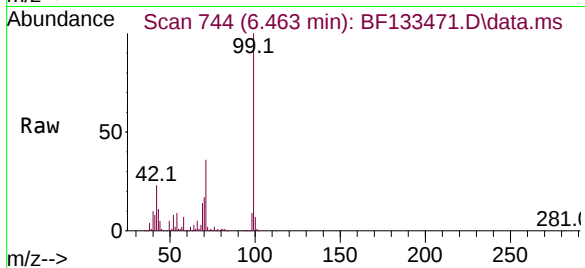
Tgt Ion:112 Resp: 696816  
Ion Ratio Lower Upper  
112 100  
64 62.7 50.2 75.4  
63 34.4 27.2 40.8





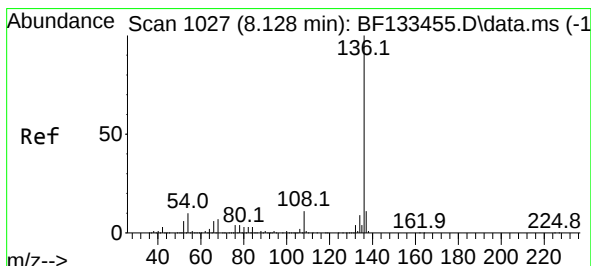
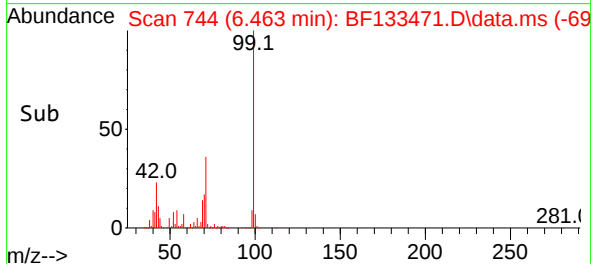
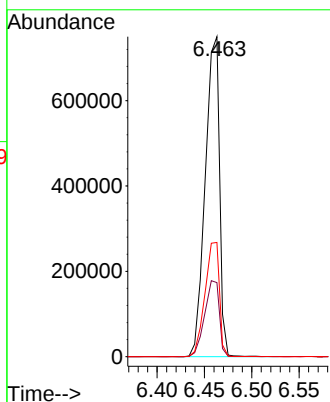
#7  
Phenol-d6  
Concen: 109.094 ng  
RT: 6.463 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF133471.D  
Acq: 24 May 2023 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
TP-33

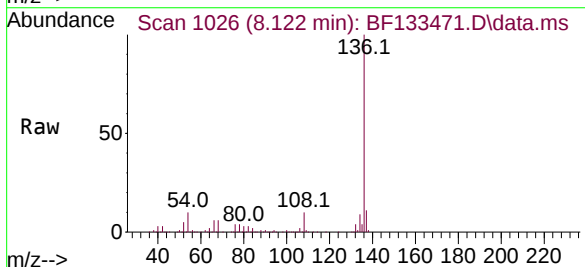


Tgt Ion: 99 Resp: 786244

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.1  | 19.6  | 29.4  |
| 71  | 35.7  | 29.5  | 44.3  |

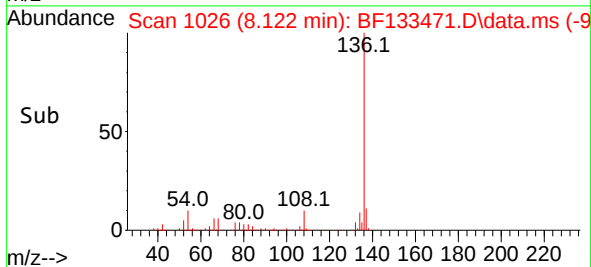
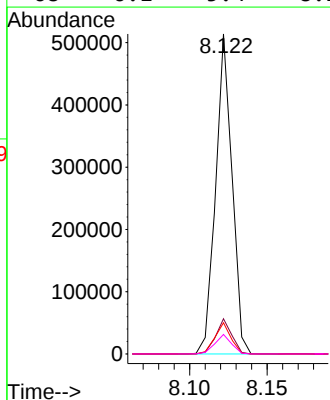


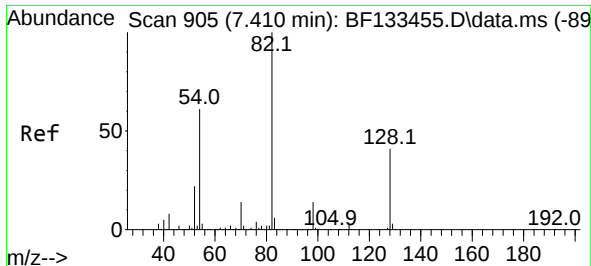
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF133471.D  
Acq: 24 May 2023 15:23



Tgt Ion: 136 Resp: 377852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 9.8   | 8.0   | 12.0  |
| 68  | 6.1   | 5.4   | 8.2   |





#23

Nitrobenzene-d5

Concen: 100.976 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA\_F

ClientSampleId :

TP-33

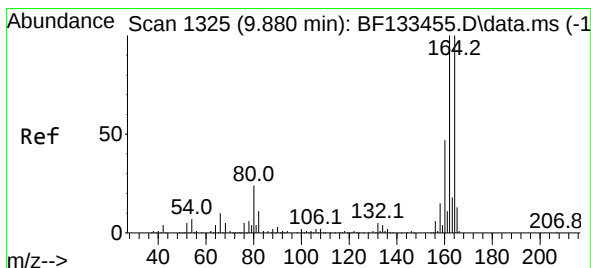
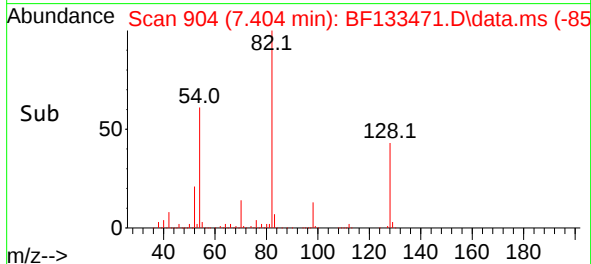
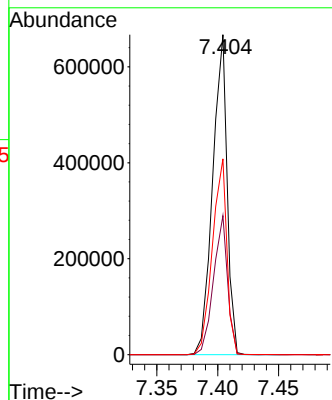
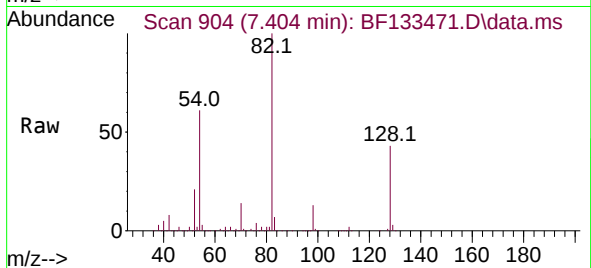
Tgt Ion: 82 Resp: 551874

Ion Ratio Lower Upper

82 100

128 43.4 33.0 49.6

54 61.2 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

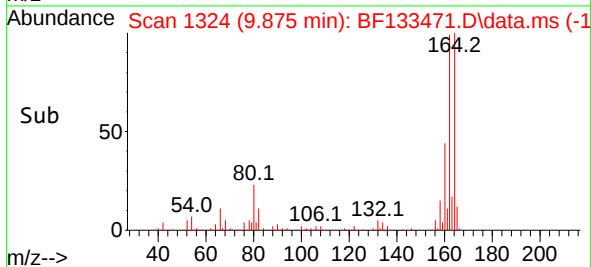
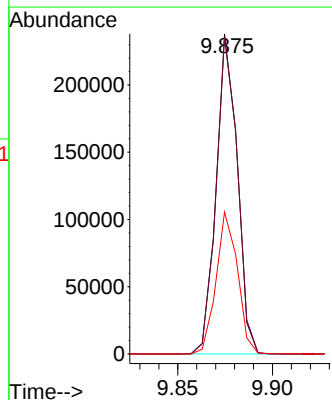
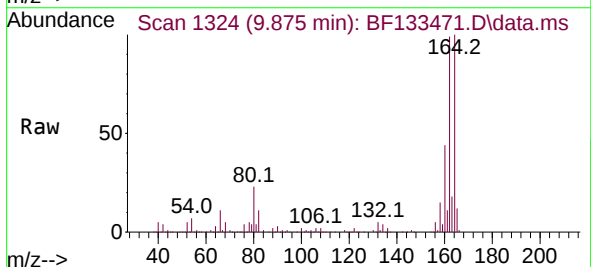
Tgt Ion: 164 Resp: 184329

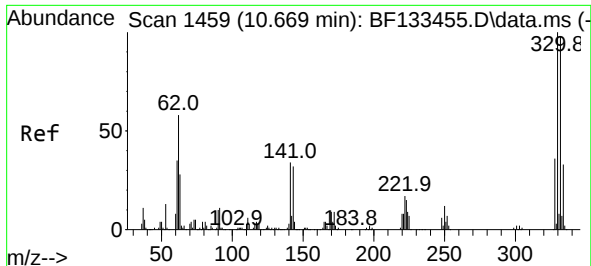
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

160 44.3 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 144.056 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

BNA\_F

ClientSampleId :

TP-33

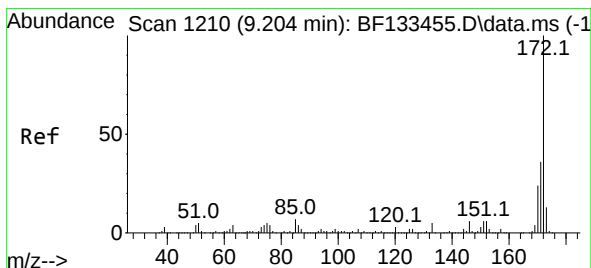
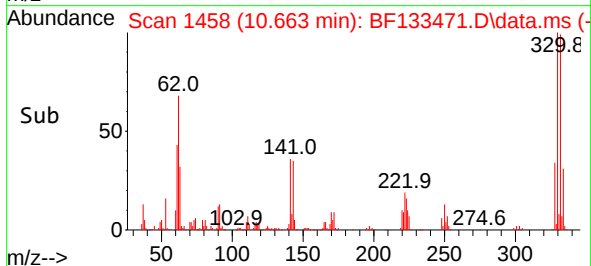
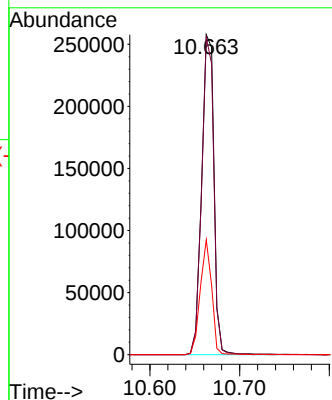
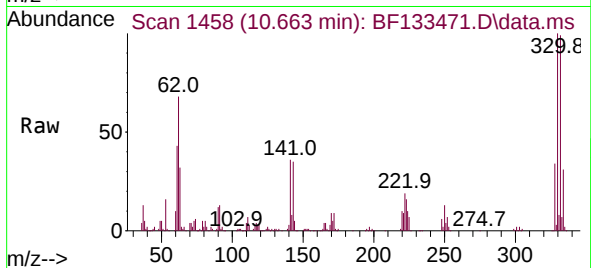
Tgt Ion:330 Resp: 245292

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

141 33.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 77.330 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

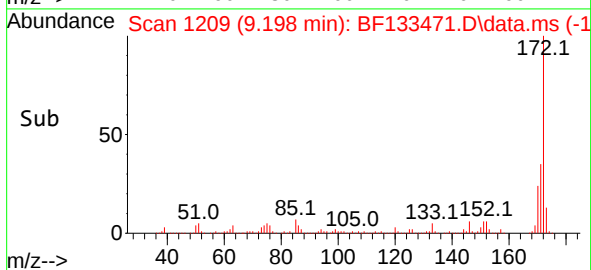
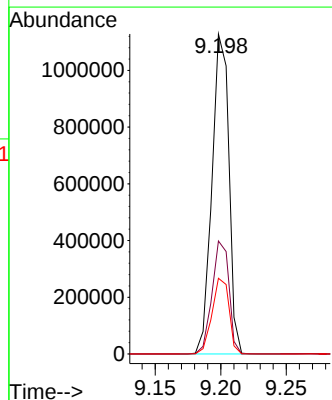
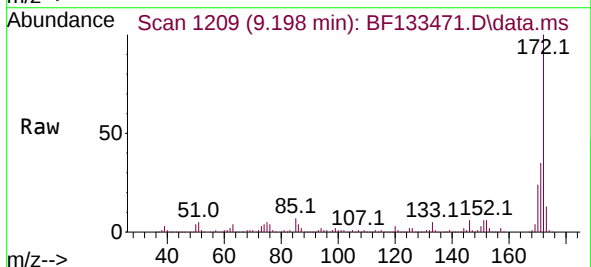
Tgt Ion:172 Resp: 1013146

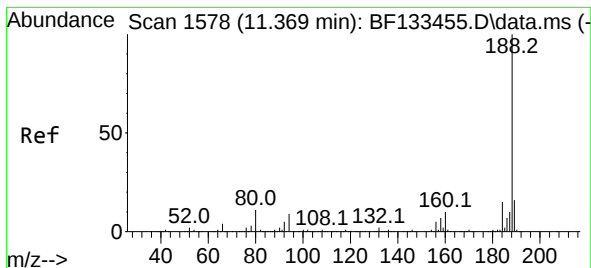
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

Instrument :

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ClientSampleId :

TP-33

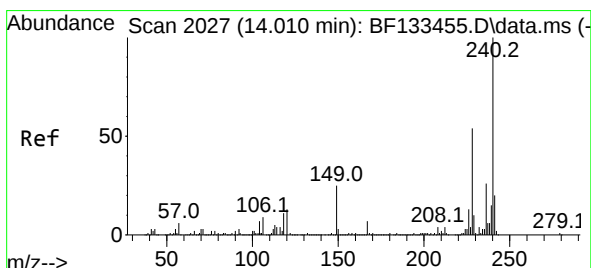
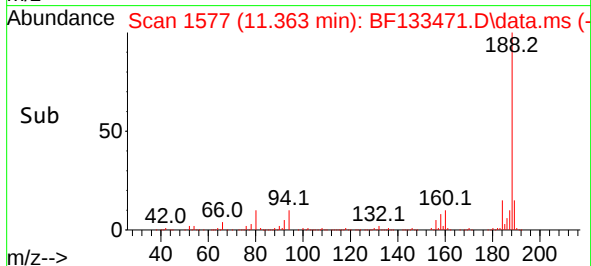
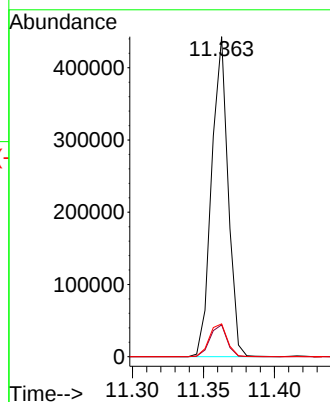
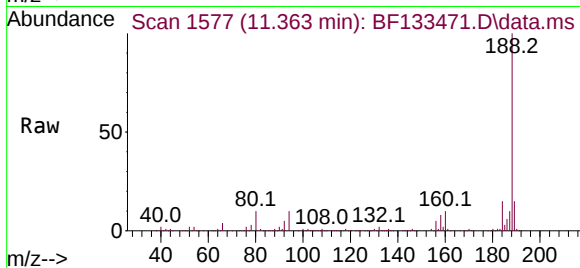
Tgt Ion:188 Resp: 357488

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133471.D

Acq: 24 May 2023 15:23

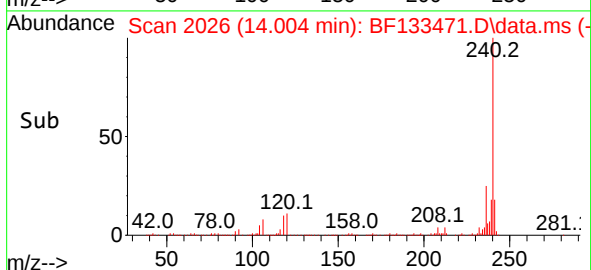
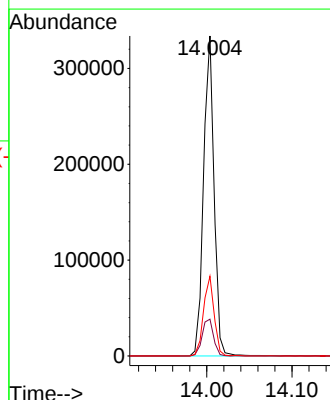
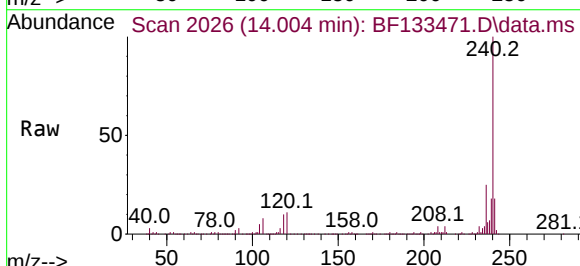
Tgt Ion:240 Resp: 285567

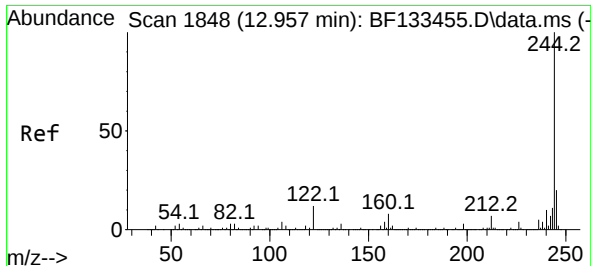
Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.4

236 24.9 20.9 31.3

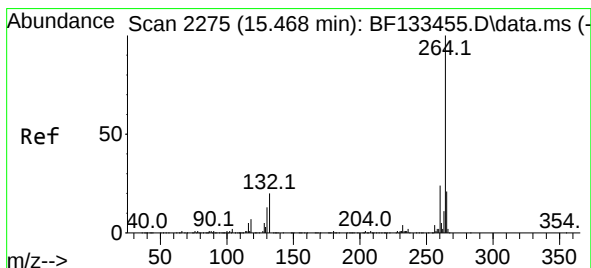
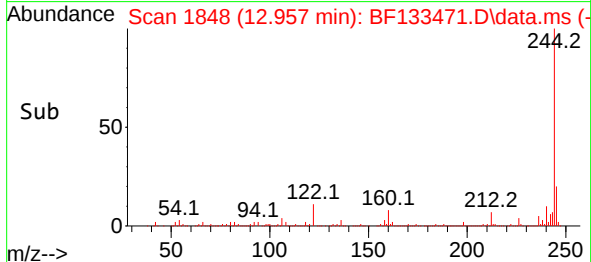
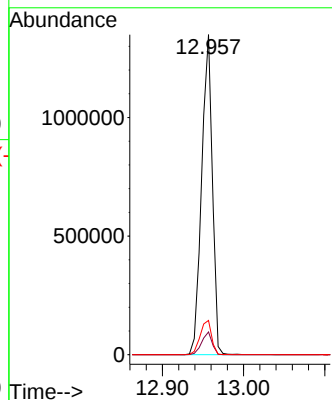
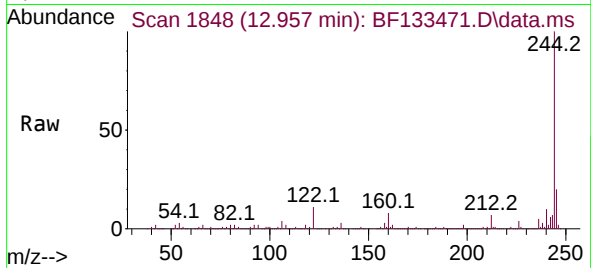




#79  
 Terphenyl-d14  
 Concen: 83.069 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF133471.D  
 Acq: 24 May 2023 15:23

Instrument :  
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Tgt Ion:244 Resp: 1240738  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 10.7 9.4 14.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.463 min Scan# 2274  
 Delta R.T. -0.006 min  
 Lab File: BF133471.D  
 Acq: 24 May 2023 15:23

Tgt Ion:264 Resp: 242446  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.8 28.2  
 265 20.7 17.0 25.4

