

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053023\  
 Data File : BF133527.D  
 Acq On : 30 May 2023 17:50  
 Operator : CG\JU  
 Sample : 02955-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB22

Quant Time: May 31 05:21:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 30 12:58:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 155757   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 600163   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 293559   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 577041   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 400222   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.456 | 264  | 312948   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 879971   | 94.262  | ng    | 0.00     |
| 7) Phenol-d6                | 6.457  | 99   | 1095434  | 95.322  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.392  | 82   | 674565   | 75.046  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 293735   | 100.380 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 1156450  | 60.802  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 1288532  | 57.243  | ng    | 0.00     |

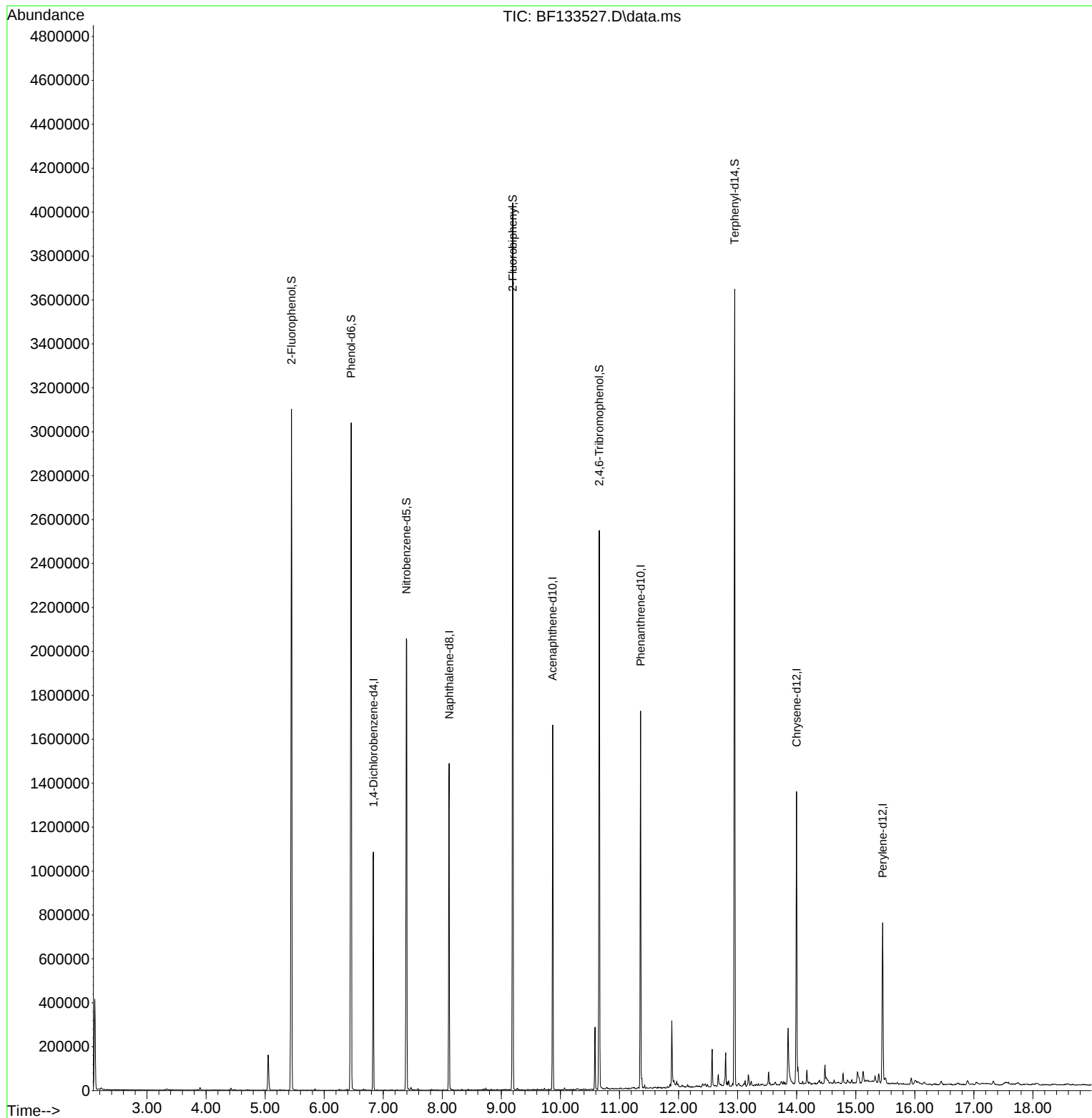
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

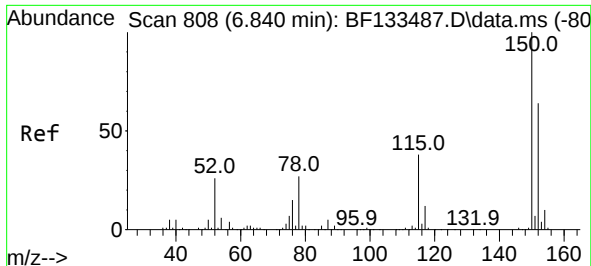
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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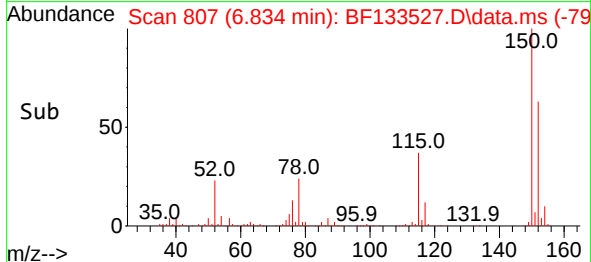
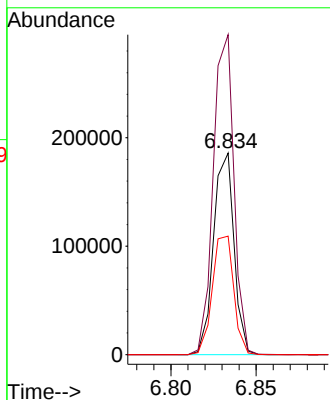
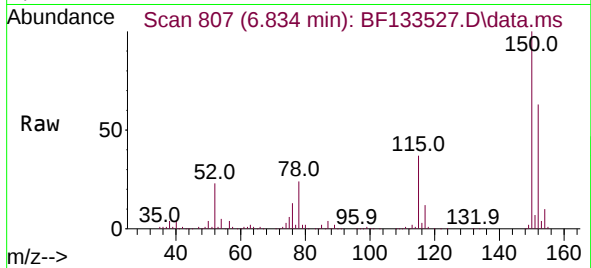




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF133527.D  
Acq: 30 May 2023 17:50

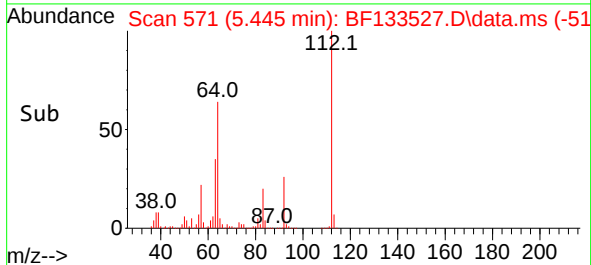
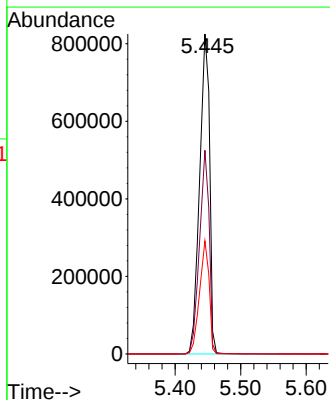
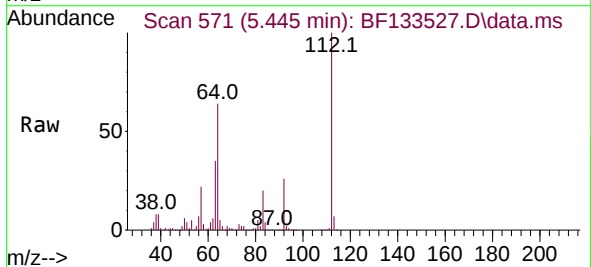
Instrument :  
BNA\_F  
ClientSampleId :  
SB22

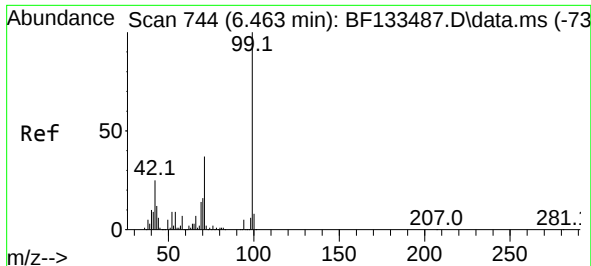
Tgt Ion:152 Resp: 155757  
Ion Ratio Lower Upper  
152 100  
150 158.7 124.9 187.3  
115 58.8 48.1 72.1



#5  
2-Fluorophenol  
Concen: 94.262 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.006 min  
Lab File: BF133527.D  
Acq: 30 May 2023 17:50

Tgt Ion:112 Resp: 879971  
Ion Ratio Lower Upper  
112 100  
64 63.7 50.1 75.1  
63 35.3 27.5 41.3

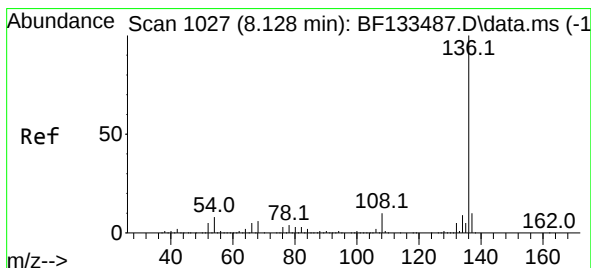
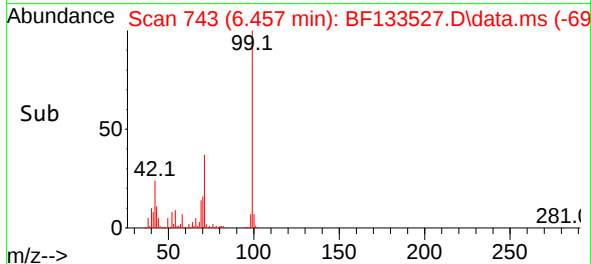
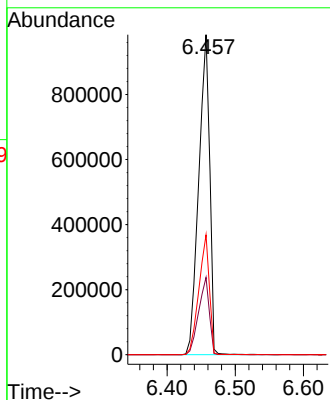
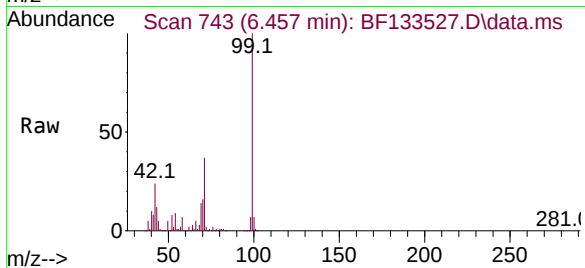




#7  
Phenol-d6  
Concen: 95.322 ng  
RT: 6.457 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BF133527.D  
Acq: 30 May 2023 17:50

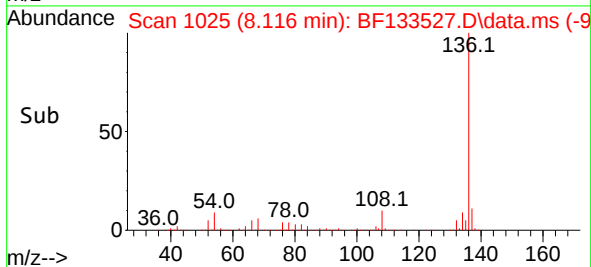
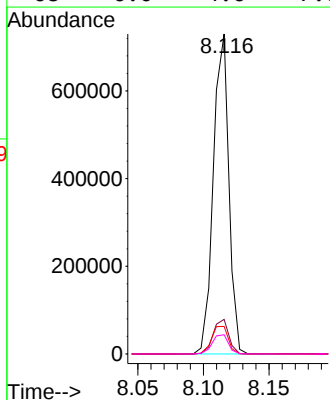
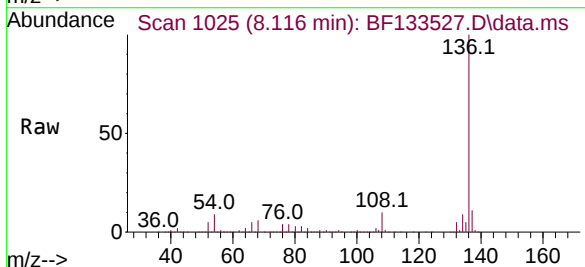
Instrument :  
BNA\_F  
ClientSampleId :  
SB22

Tgt Ion: 99 Resp: 1095434  
Ion Ratio Lower Upper  
99 100  
42 24.1 19.7 29.5  
71 37.5 29.8 44.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF133527.D  
Acq: 30 May 2023 17:50

Tgt Ion: 136 Resp: 600163  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.2 12.4  
54 8.6 6.6 10.0  
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 75.046 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

Instrument :

BNA\_F

ClientSampleId :

SB22

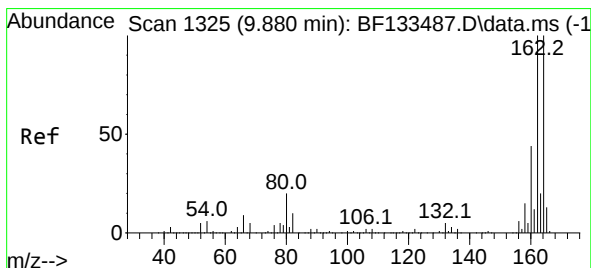
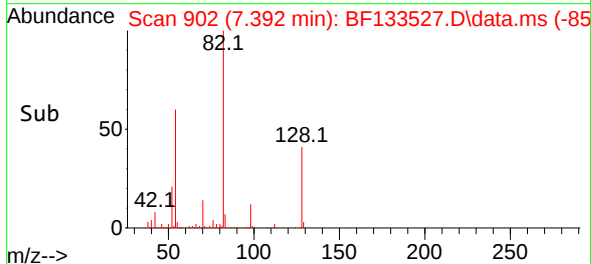
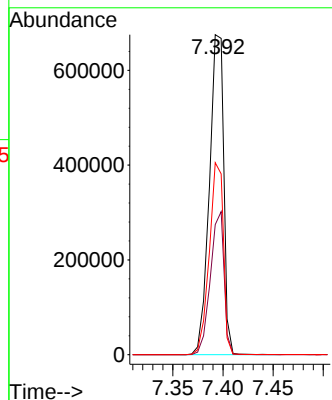
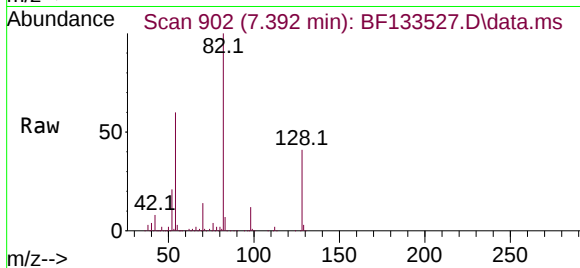
Tgt Ion: 82 Resp: 674565

Ion Ratio Lower Upper

82 100

128 40.6 34.2 51.4

54 60.0 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

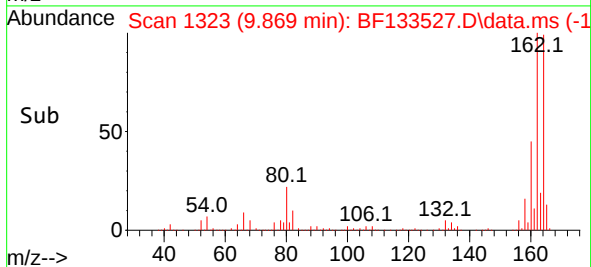
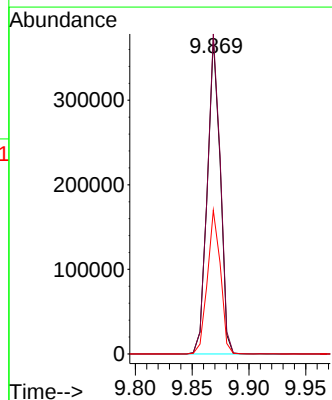
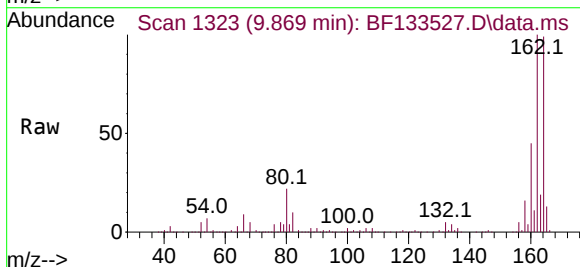
Tgt Ion: 164 Resp: 293559

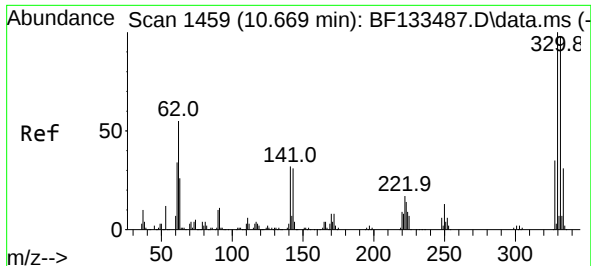
Ion Ratio Lower Upper

164 100

162 101.4 79.7 119.5

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 100.380 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

Instrument :

BNA\_F

ClientSampleId :

SB22

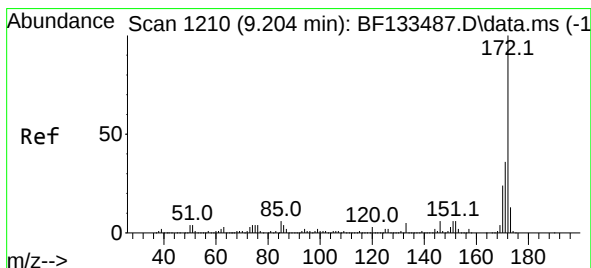
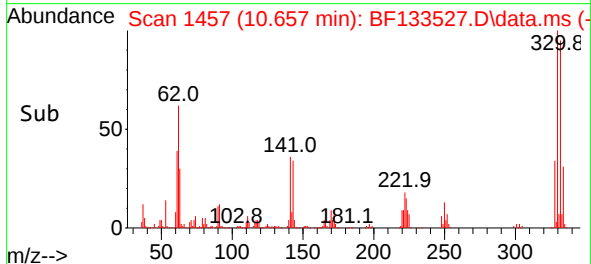
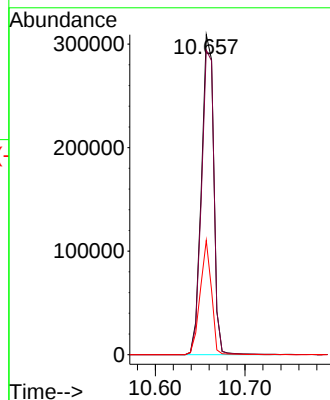
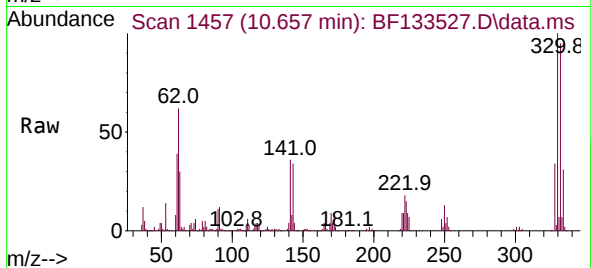
Tgt Ion:330 Resp: 293735

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 32.6 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 60.802 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

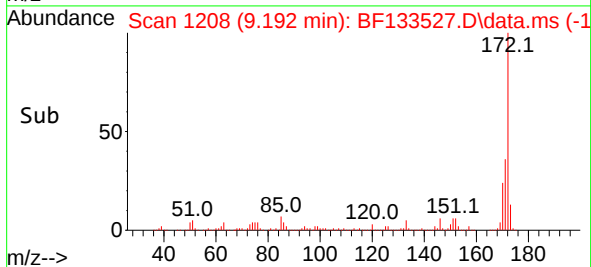
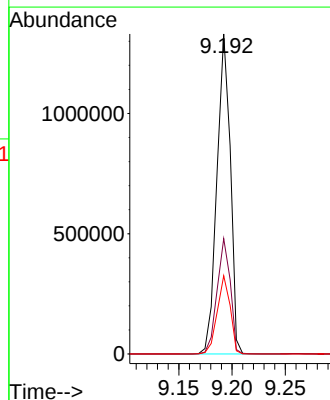
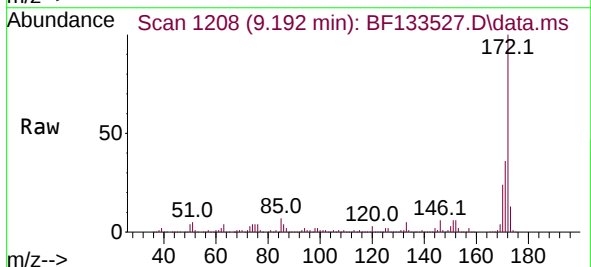
Tgt Ion:172 Resp: 1156450

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

Instrument :

BNA\_F

ClientSampleId :

SB22

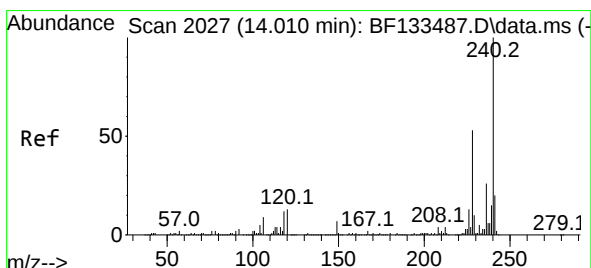
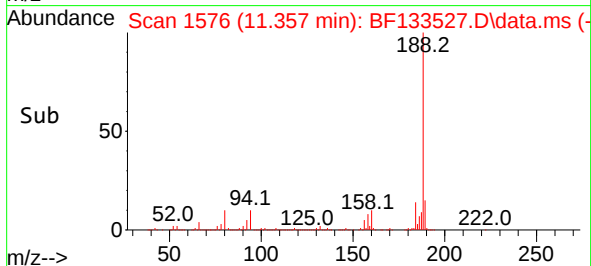
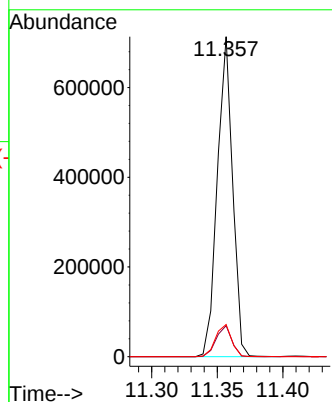
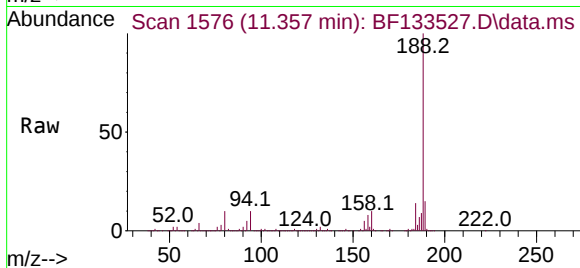
Tgt Ion:188 Resp: 577041

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

80 10.1 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

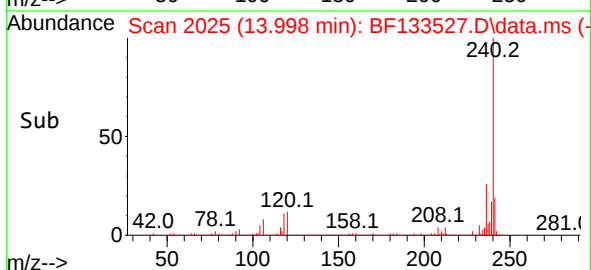
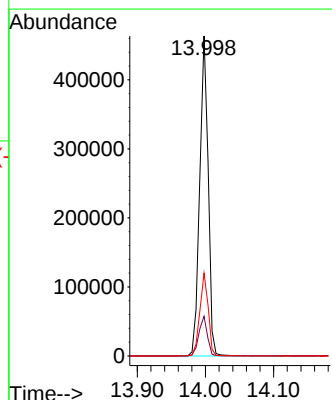
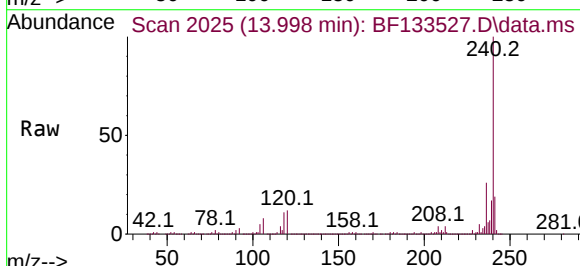
Tgt Ion:240 Resp: 400222

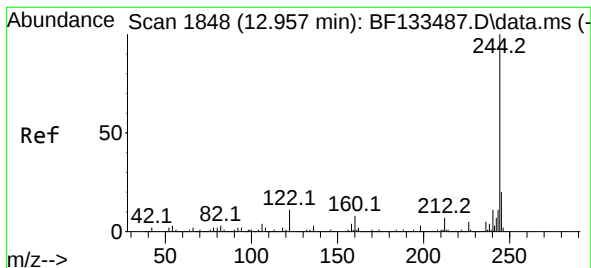
Ion Ratio Lower Upper

240 100

120 12.4 10.3 15.5

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 57.243 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

Instrument :

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ClientSampleId :

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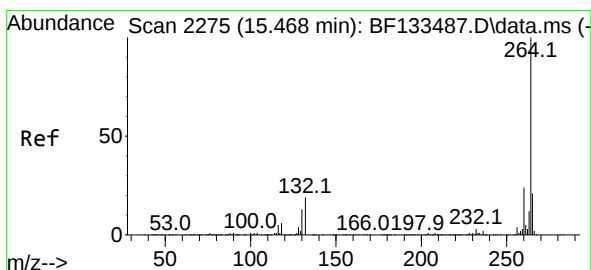
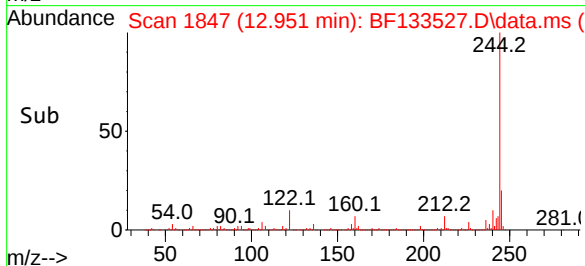
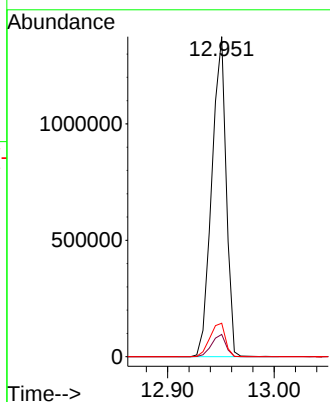
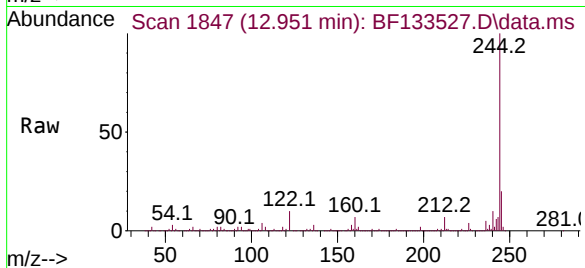
Tgt Ion:244 Resp: 1288532

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.4 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF133527.D

Acq: 30 May 2023 17:50

Tgt Ion:264 Resp: 312948

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.2 16.8 25.2

