

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060523\  
 Data File : BF133576.D  
 Acq On : 05 Jun 2023 20:44  
 Operator : CG\JU  
 Sample : 02983-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB18

Quant Time: Jun 06 01:07:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 17:49:53 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 147148   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 539156   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 236983   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 404805   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 276093   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.457 | 264  | 217889   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 694485   | 78.745 | ng    | 0.01     |
| 7) Phenol-d6                | 6.457  | 99   | 821008   | 75.622 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.392  | 82   | 507644   | 62.866 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 192614   | 81.537 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 928649   | 60.482 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 876815   | 56.465 | ng    | 0.00     |

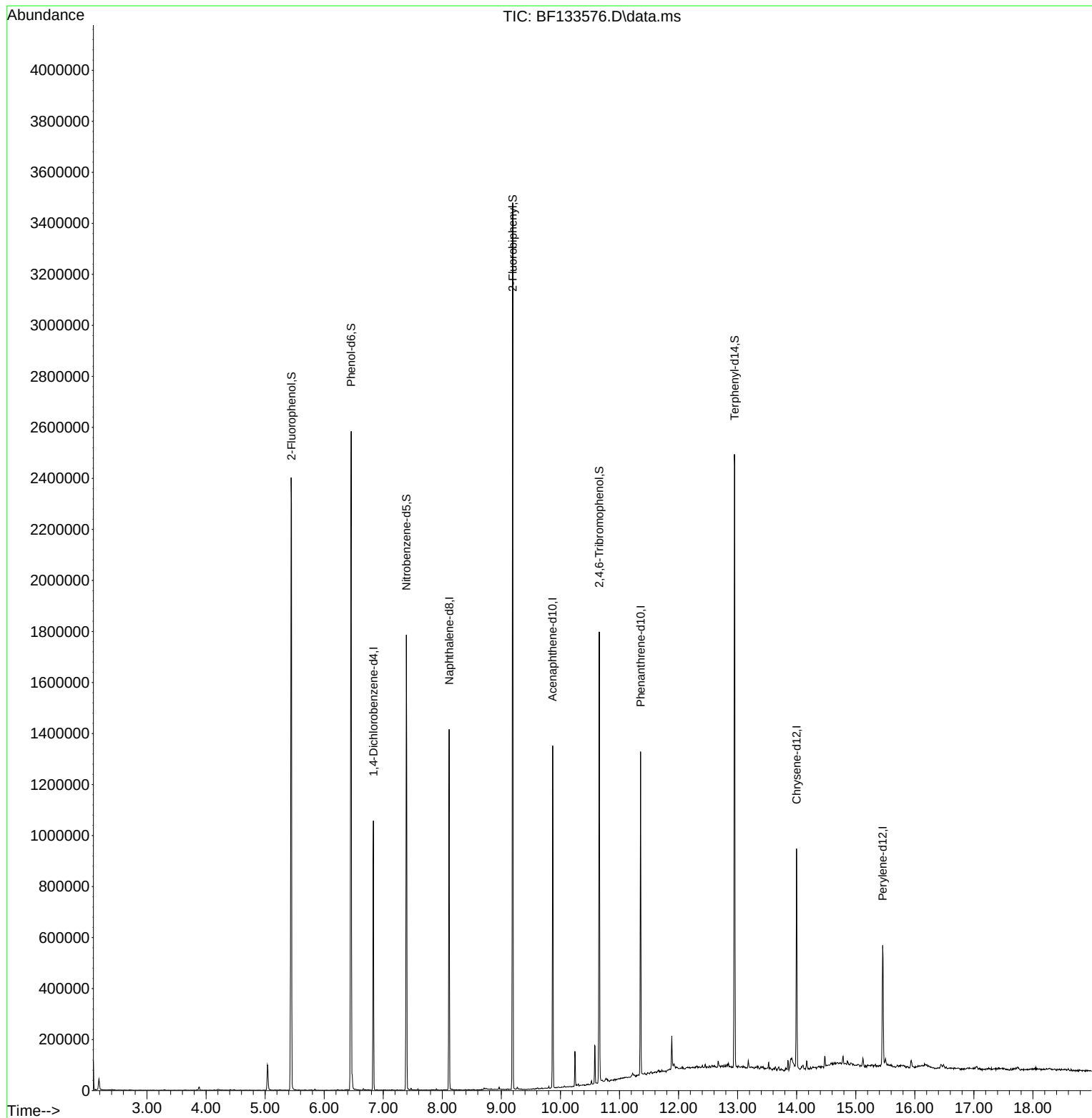
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

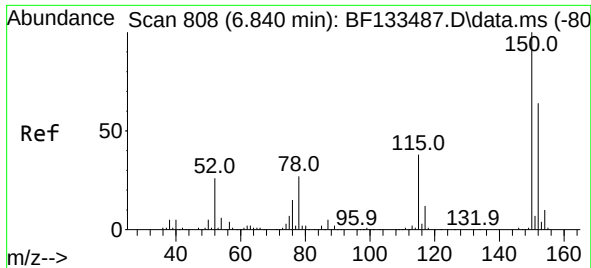
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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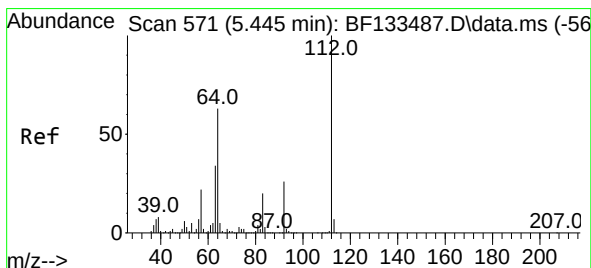
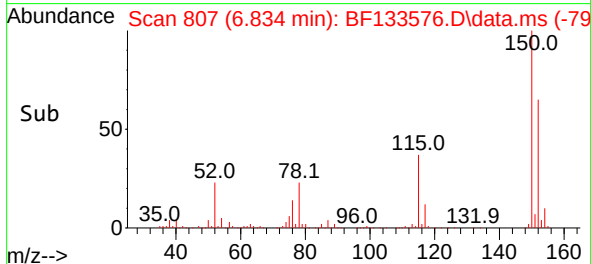
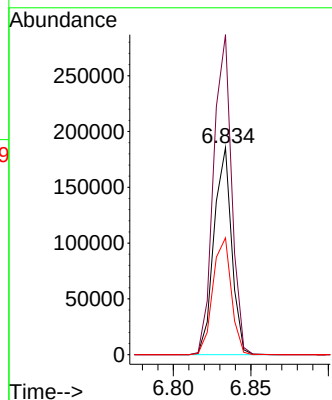
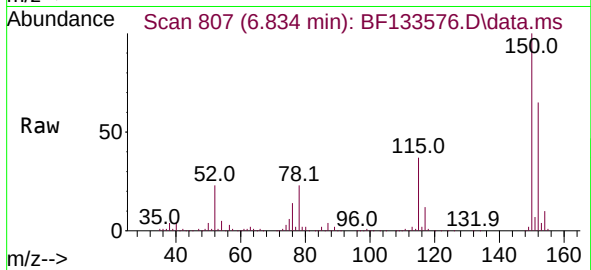




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF133576.D  
Acq: 05 Jun 2023 20:44

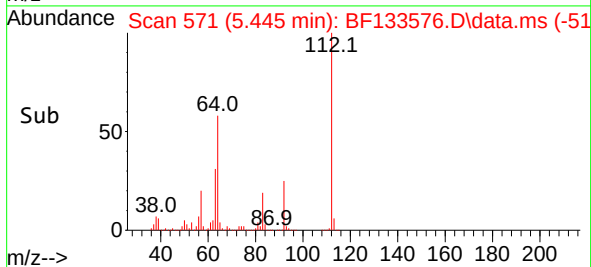
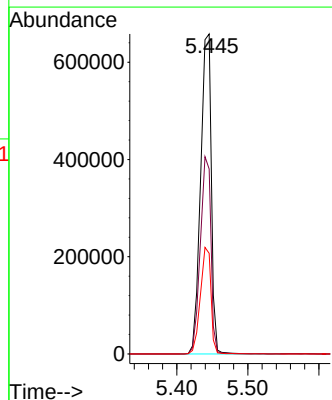
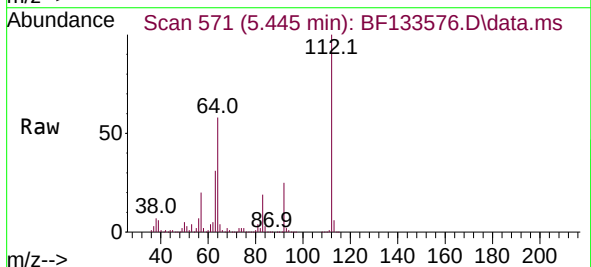
Instrument :  
BNA\_F  
ClientSampleId :  
SB18

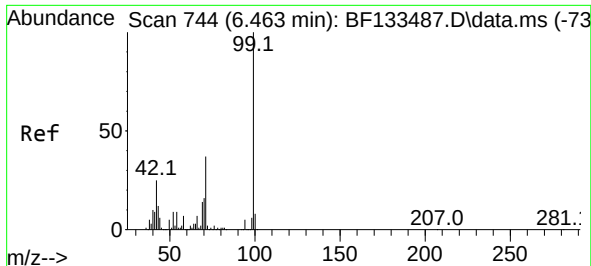
Tgt Ion:152 Resp: 147148  
Ion Ratio Lower Upper  
152 100  
150 154.6 124.9 187.3  
115 56.4 48.1 72.1



#5  
2-Fluorophenol  
Concen: 78.745 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.012 min  
Lab File: BF133576.D  
Acq: 05 Jun 2023 20:44

Tgt Ion:112 Resp: 694485  
Ion Ratio Lower Upper  
112 100  
64 57.8 50.1 75.1  
63 31.4 27.5 41.3

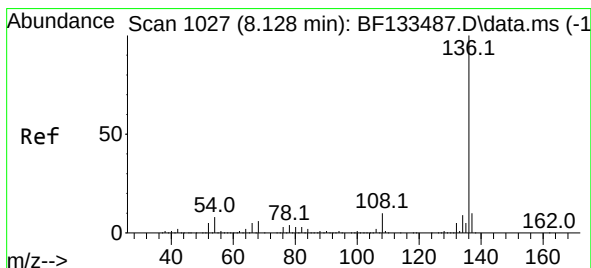
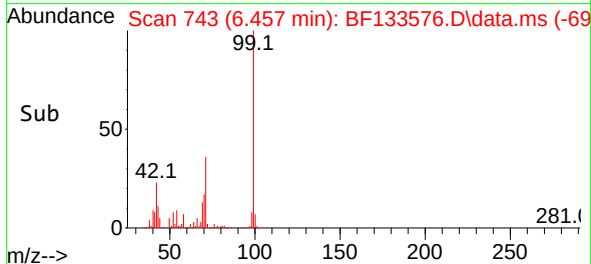
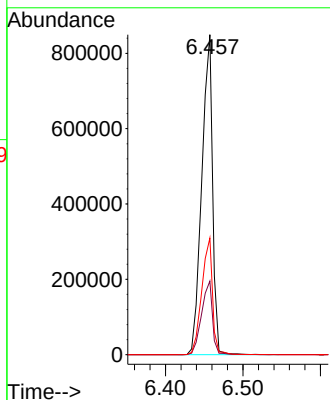
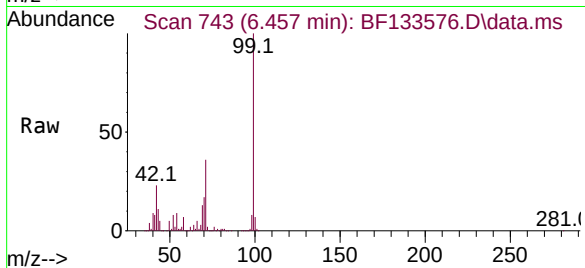




#7  
Phenol-d6  
Concen: 75.622 ng  
RT: 6.457 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BF133576.D  
Acq: 05 Jun 2023 20:44

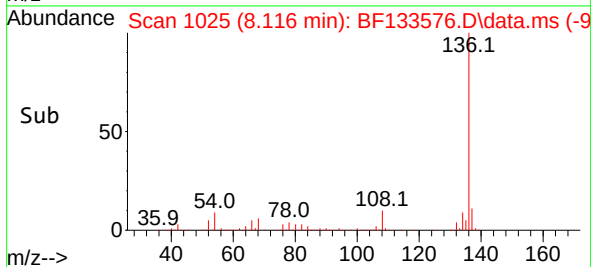
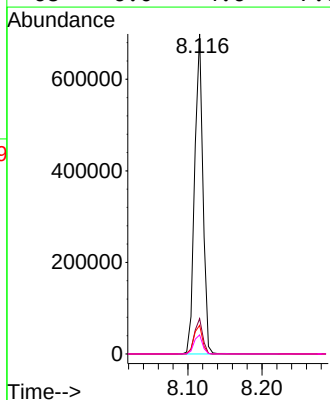
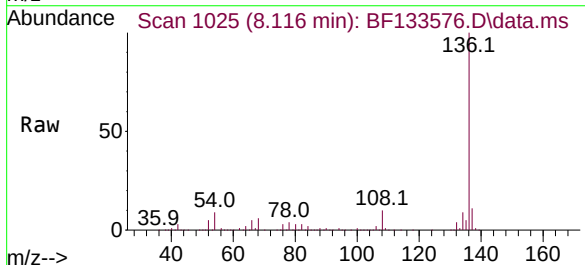
Instrument :  
BNA\_F  
ClientSampleId :  
SB18

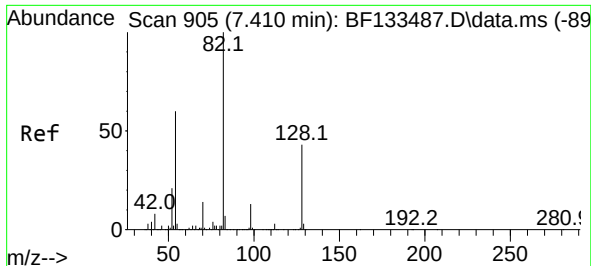
Tgt Ion: 99 Resp: 821008  
Ion Ratio Lower Upper  
99 100  
42 23.0 19.7 29.5  
71 36.5 29.8 44.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: BF133576.D  
Acq: 05 Jun 2023 20:44

Tgt Ion:136 Resp: 539156  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.2 12.4  
54 9.0 6.6 10.0  
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 62.866 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133576.D

Acq: 05 Jun 2023 20:44

Instrument :

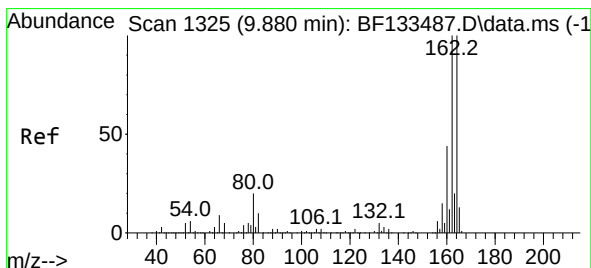
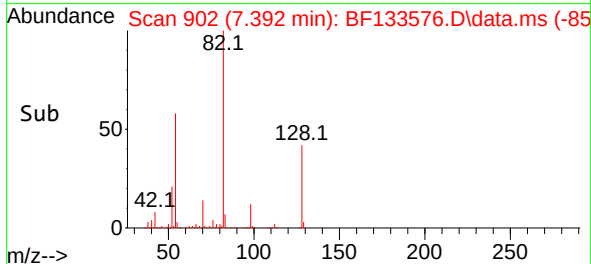
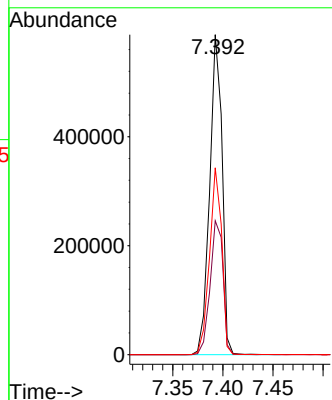
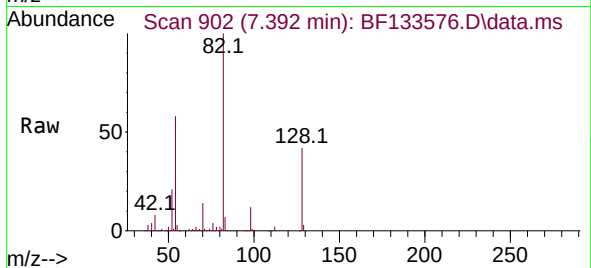
BNA\_F

ClientSampleId :

SB18

Tgt Ion: 82 Resp: 507644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.9  | 34.2  | 51.4  |
| 54  | 58.4  | 48.2  | 72.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

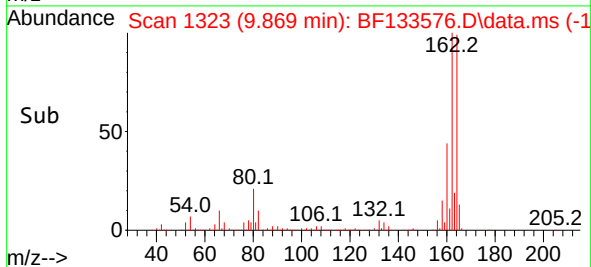
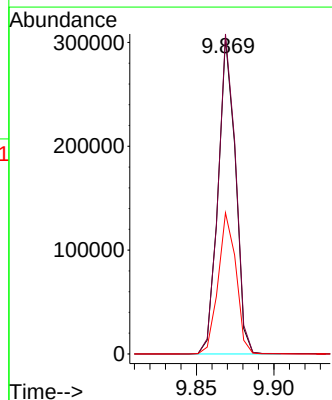
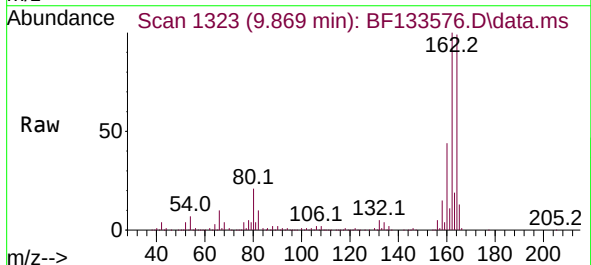
Delta R.T. -0.006 min

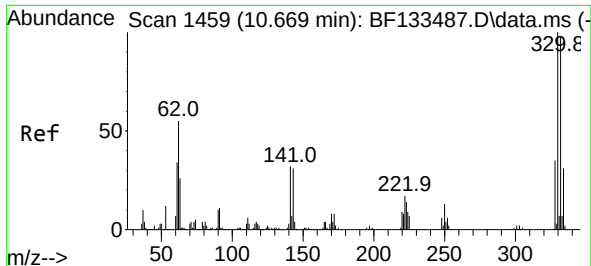
Lab File: BF133576.D

Acq: 05 Jun 2023 20:44

Tgt Ion: 164 Resp: 236983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.3 | 79.7  | 119.5 |
| 160 | 44.7  | 35.4  | 53.0  |





#42

2,4,6-Tribromophenol

Concen: 81.537 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133576.D

Acq: 05 Jun 2023 20:44

Instrument :

BNA\_F

ClientSampleId :

SB18

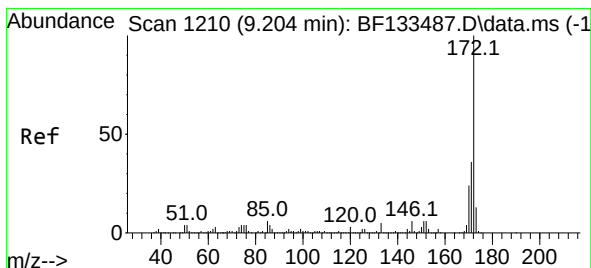
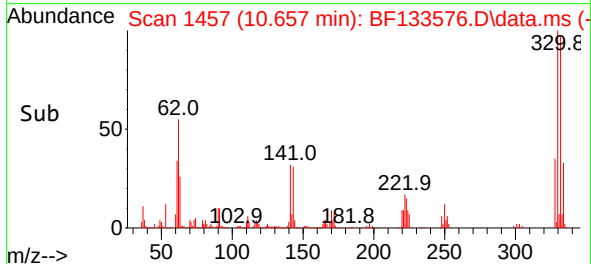
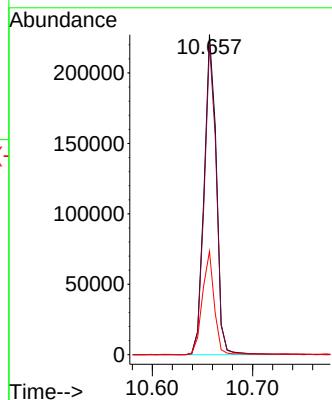
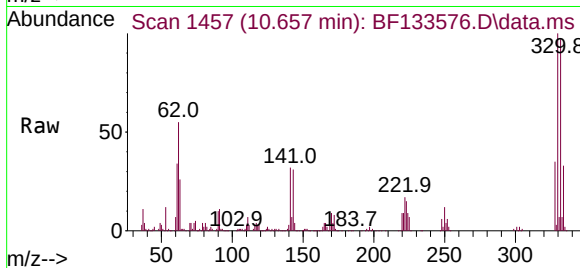
Tgt Ion:330 Resp: 192614

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 31.6 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 60.482 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133576.D

Acq: 05 Jun 2023 20:44

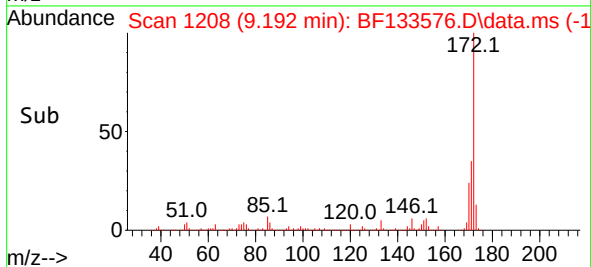
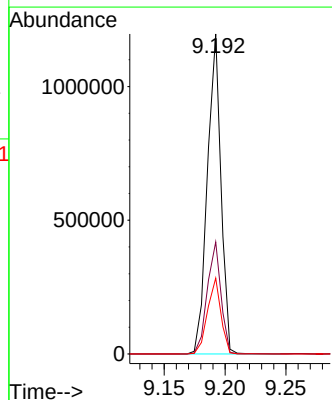
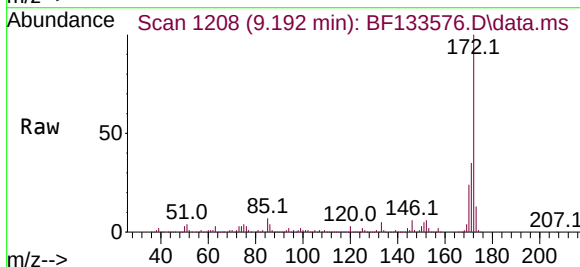
Tgt Ion:172 Resp: 928649

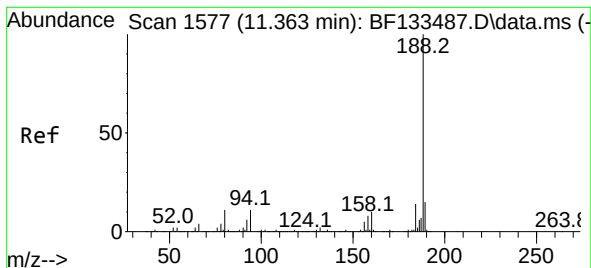
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133576.D

Acq: 05 Jun 2023 20:44

Instrument :

BNA\_F

ClientSampleId :

SB18

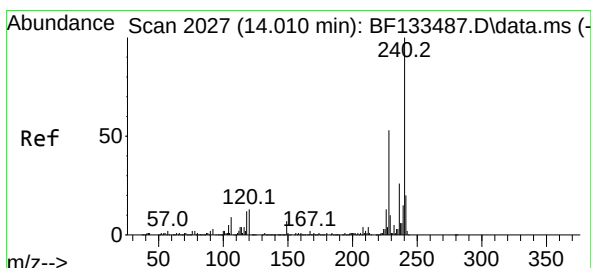
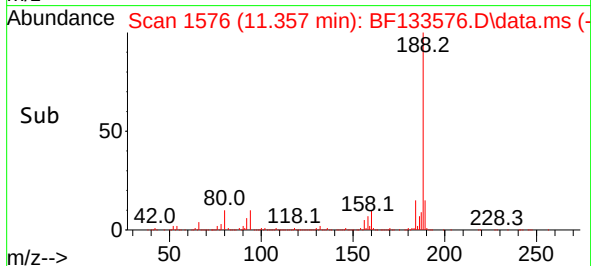
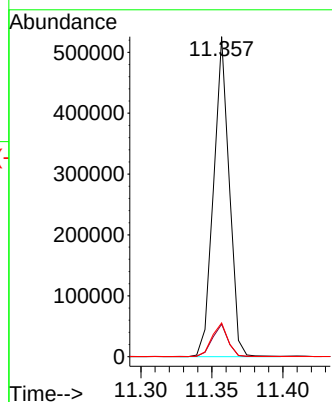
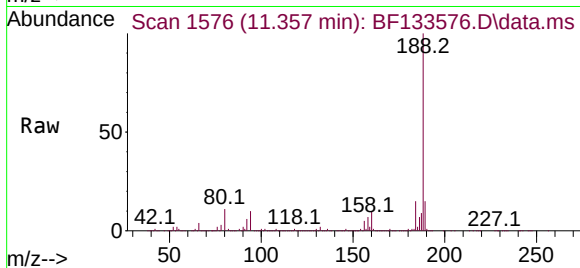
Tgt Ion:188 Resp: 404805

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

80 10.5 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: BF133576.D

Acq: 05 Jun 2023 20:44

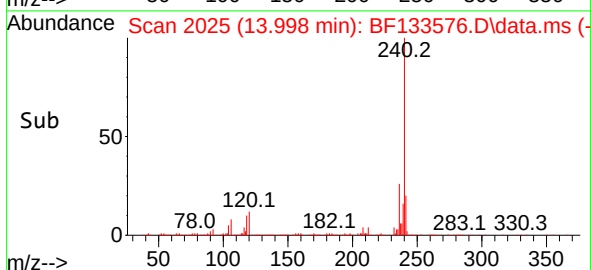
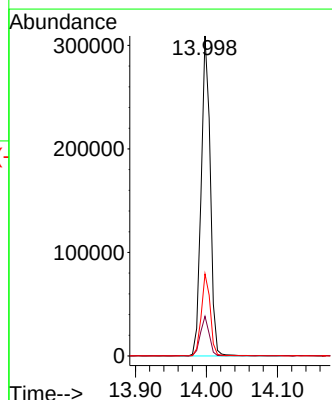
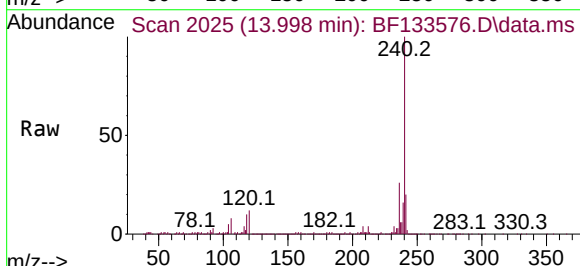
Tgt Ion:240 Resp: 276093

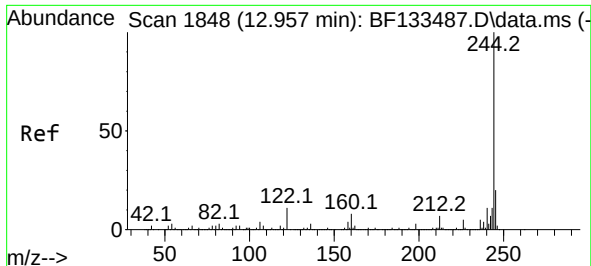
Ion Ratio Lower Upper

240 100

120 12.4 10.3 15.5

236 25.7 20.5 30.7

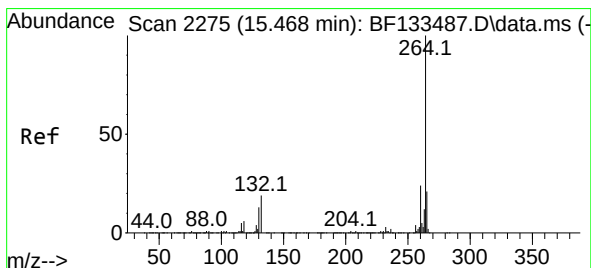
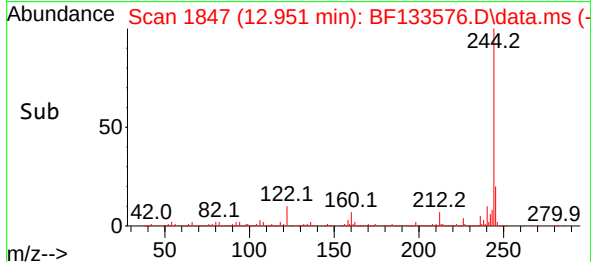
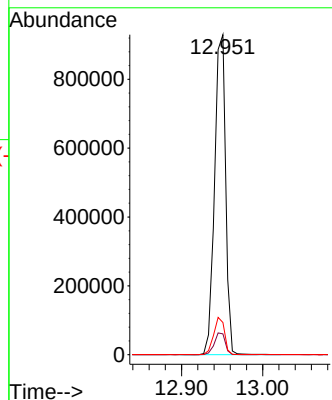
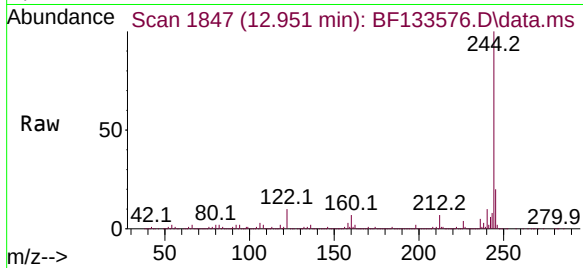




#79  
 Terphenyl-d14  
 Concen: 56.465 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF133576.D  
 Acq: 05 Jun 2023 20:44

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 876815  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.8 8.6  
 122 10.0 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 2273  
 Delta R.T. 0.000 min  
 Lab File: BF133576.D  
 Acq: 05 Jun 2023 20:44

Tgt Ion:264 Resp: 217889  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 19.0 28.4  
 265 21.8 16.8 25.2

