

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
 Data File : BF133064.D  
 Acq On : 26 Apr 2023 14:11  
 Operator : CG\JU  
 Sample : 02491-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2S-TP4

Quant Time: Apr 27 01:54:52 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   | 6.740  | 152  | 190027   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.022  | 136  | 778934   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 415335   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.251 | 188  | 757613   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.886 | 240  | 387133   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.310 | 264  | 378150   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.351  | 112  | 1018262  | 80.946 | ng    | 0.00     |
| 7) Phenol-d6                | 6.375  | 99   | 1253062  | 80.254 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.298  | 82   | 759454   | 52.627 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.563 | 330  | 319502   | 76.491 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 1286903  | 51.837 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.839 | 244  | 1432679  | 63.825 | ng    | -0.01    |

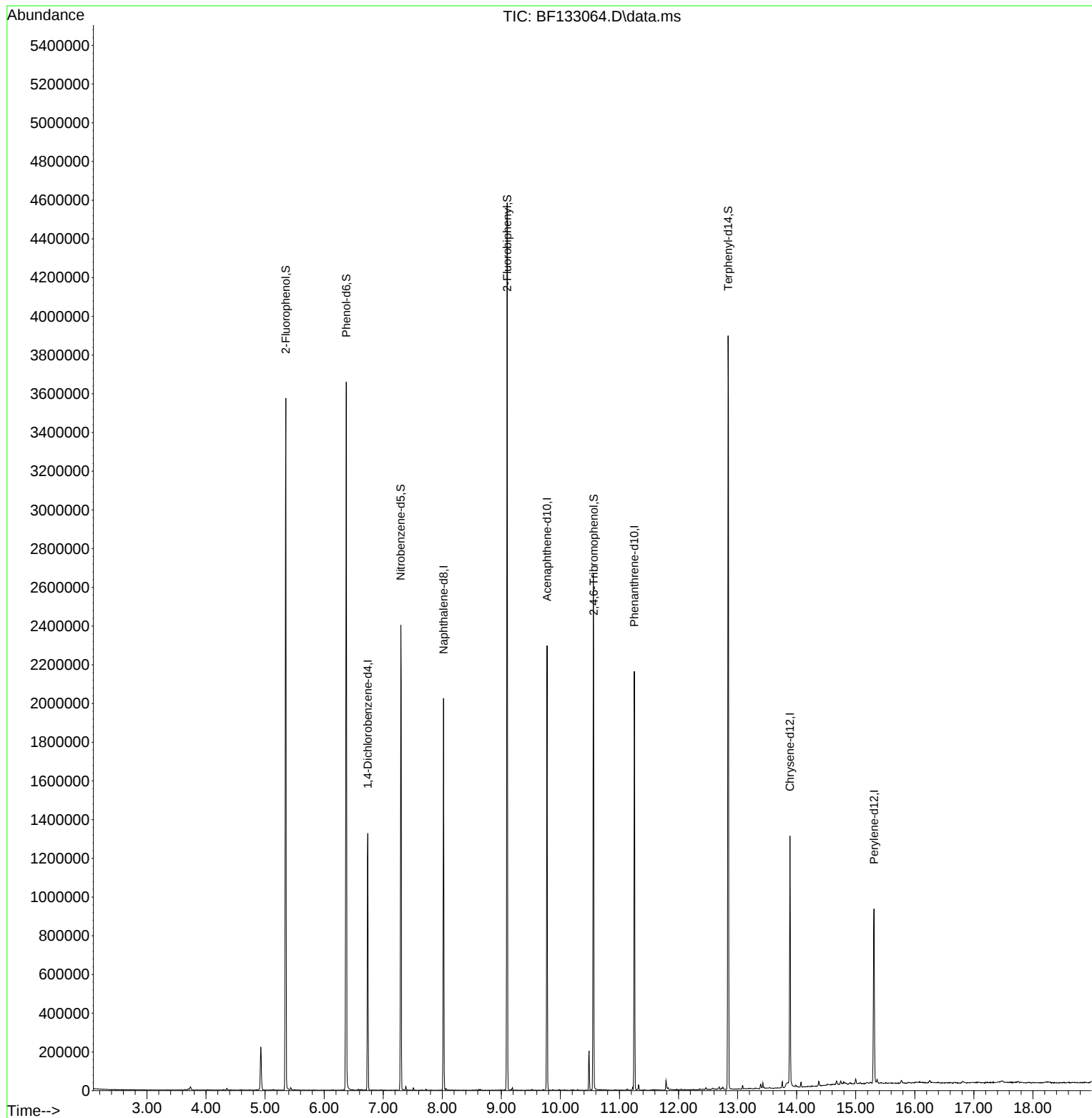
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

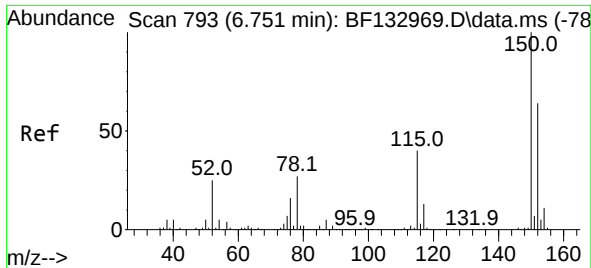
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 25 18:24:07 2023  
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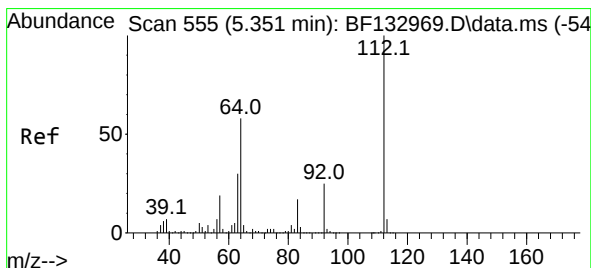
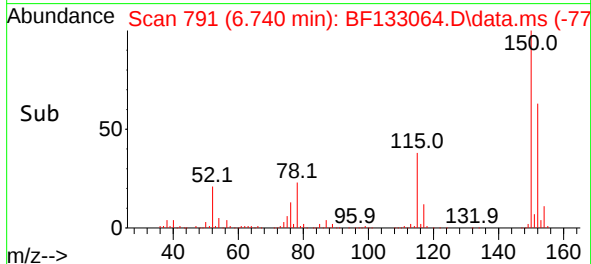
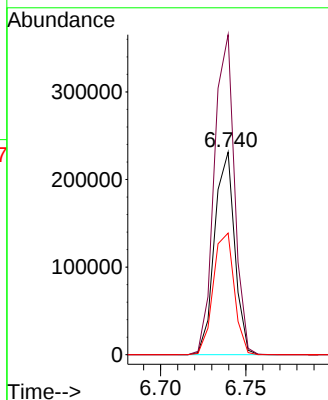
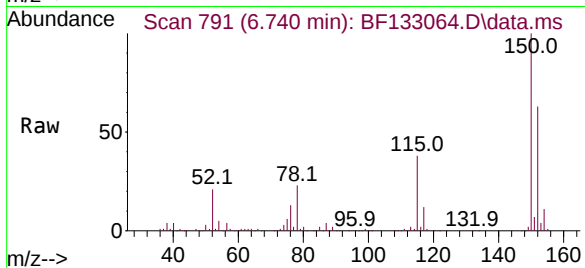




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 793  
Delta R.T. -0.005 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

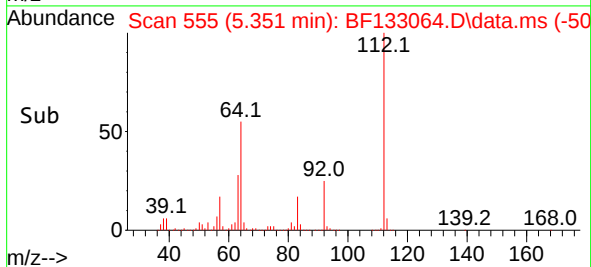
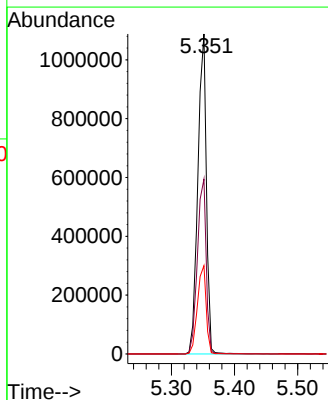
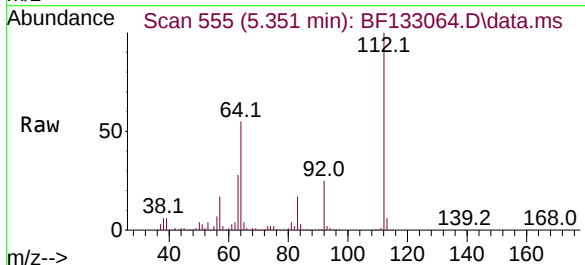
Instrument :  
BNA\_F  
ClientSampleId :  
S2S-TP4

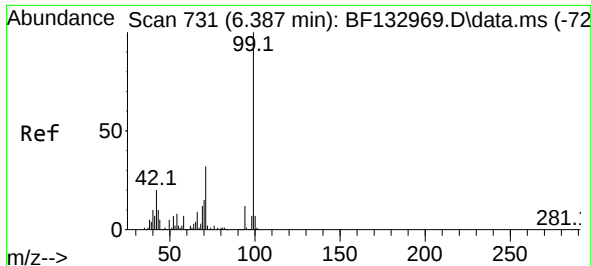
Tgt Ion:152 Resp: 190027  
Ion Ratio Lower Upper  
152 100  
150 158.0 124.8 187.2  
115 60.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 80.946 ng  
RT: 5.351 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

Tgt Ion:112 Resp: 1018262  
Ion Ratio Lower Upper  
112 100  
64 54.7 46.8 70.2  
63 27.6 23.8 35.8

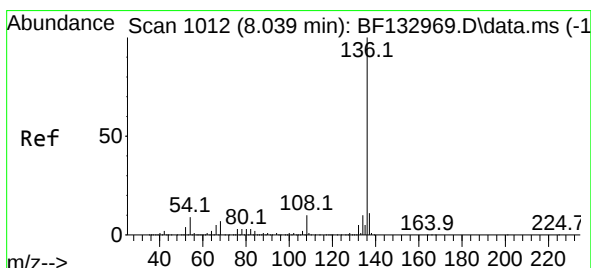
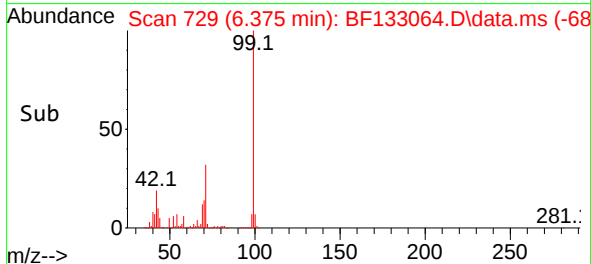
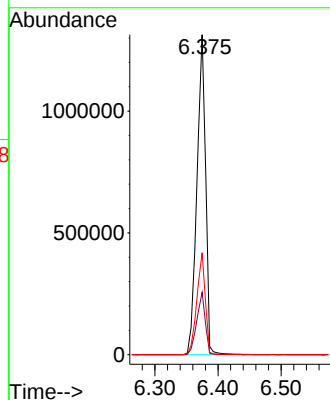
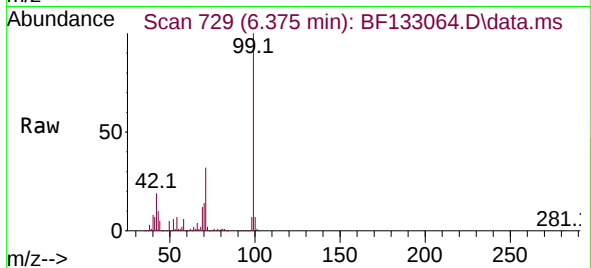




#7  
Phenol-d6  
Concen: 80.254 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

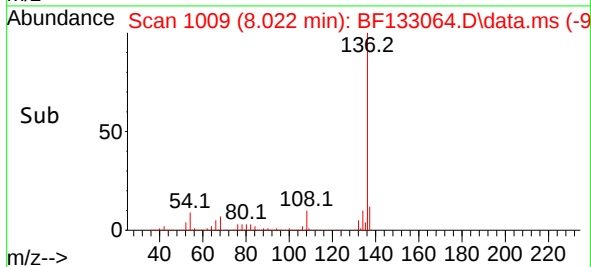
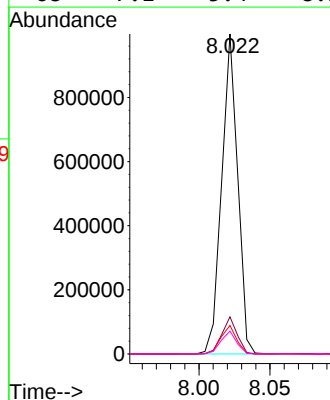
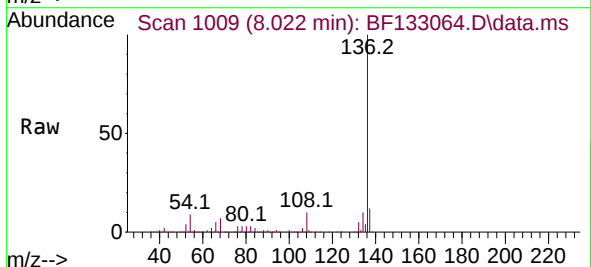
Instrument :  
BNA\_F  
ClientSampleId :  
S2S-TP4

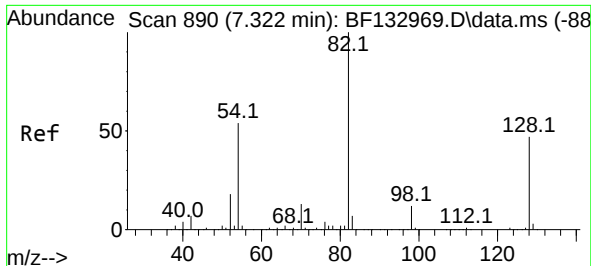
Tgt Ion: 99 Resp: 1253062  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.3 24.5  
71 31.9 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

Tgt Ion: 136 Resp: 778934  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.6 13.0  
54 8.9 7.0 10.4  
68 7.1 5.4 8.2

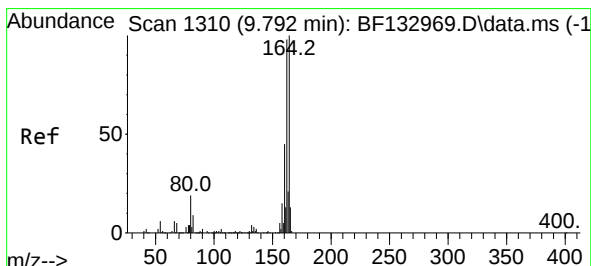
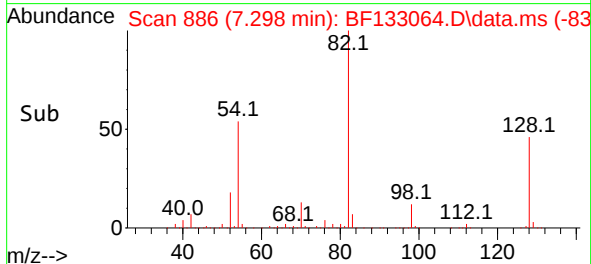
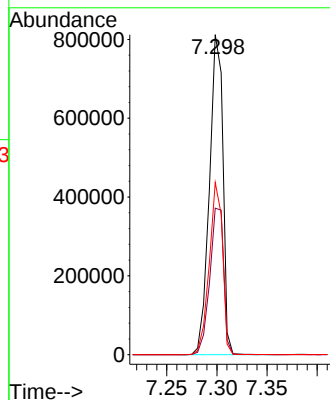
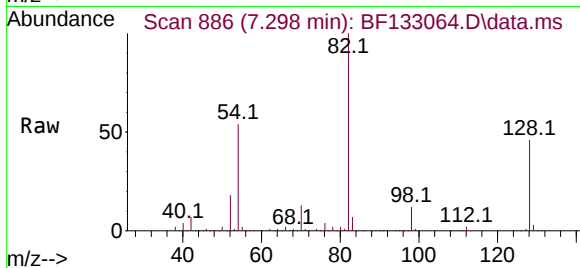




#23  
Nitrobenzene-d5  
Concen: 52.627 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

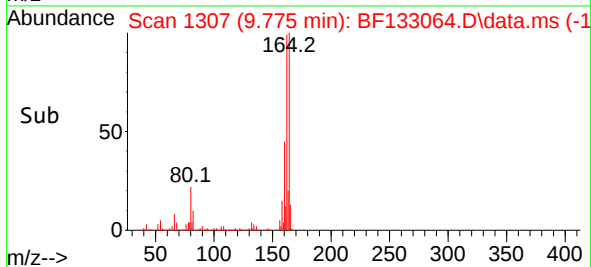
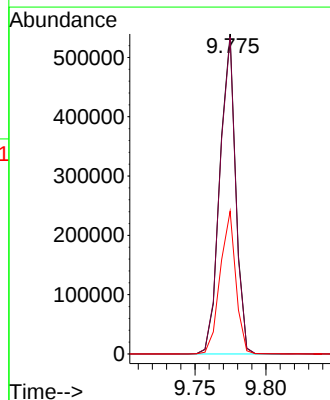
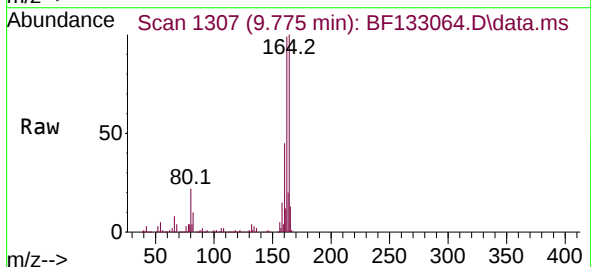
Instrument :  
BNA\_F  
ClientSampleId :  
S2S-TP4

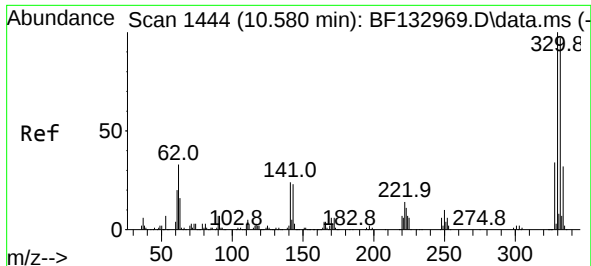
Tgt Ion: 82 Resp: 759454  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.7 56.5  
54 53.8 43.0 64.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF133064.D  
Acq: 26 Apr 2023 14:11

Tgt Ion:164 Resp: 415335  
Ion Ratio Lower Upper  
164 100  
162 99.1 78.7 118.1  
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 76.491 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133064.D

Acq: 26 Apr 2023 14:11

Instrument :

BNA\_F

ClientSampleId :

S2S-TP4

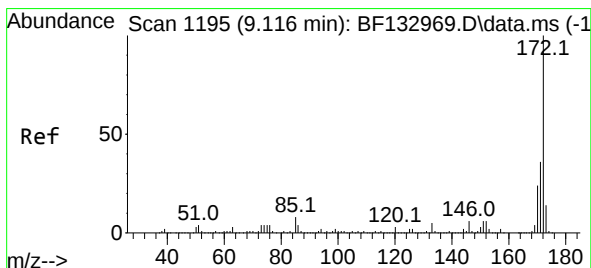
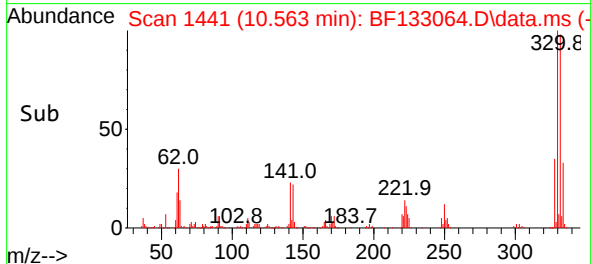
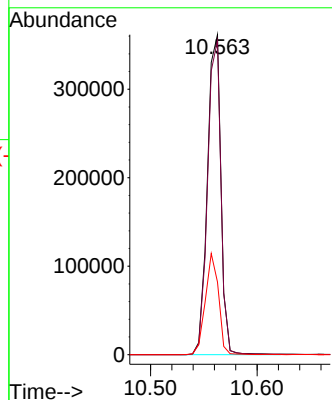
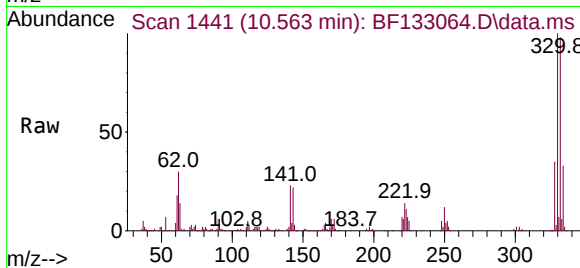
Tgt Ion:330 Resp: 319502

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.837 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133064.D

Acq: 26 Apr 2023 14:11

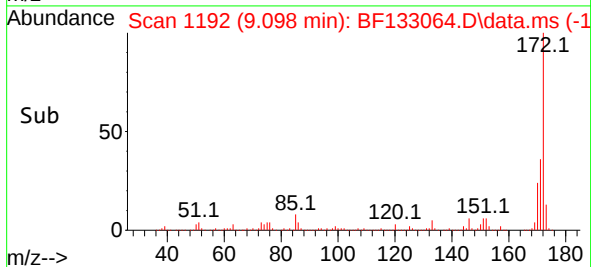
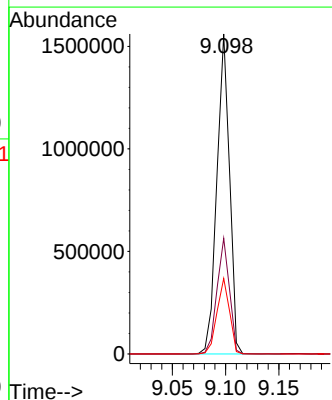
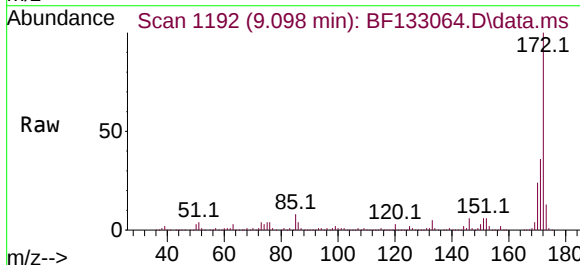
Tgt Ion:172 Resp: 1286903

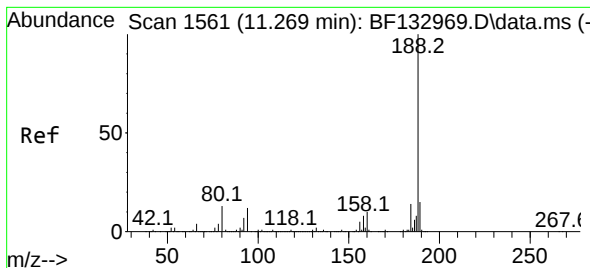
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.6 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: BF133064.D

Acq: 26 Apr 2023 14:11

Instrument :

BNA\_F

ClientSampleId :

S2S-TP4

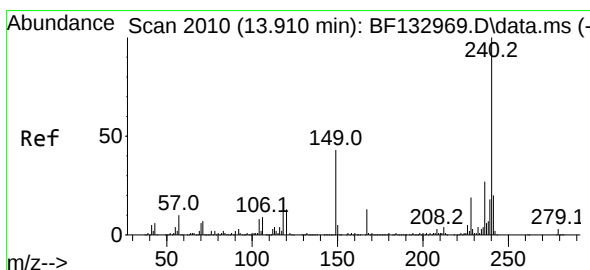
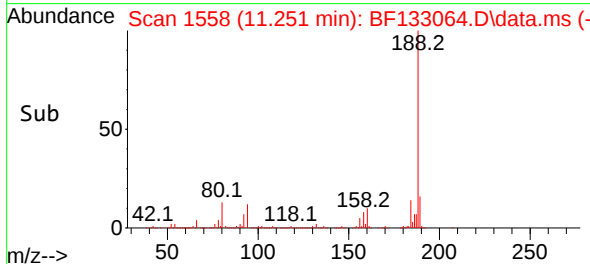
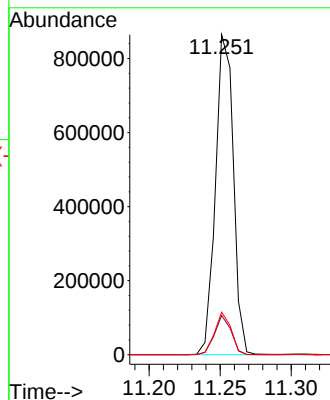
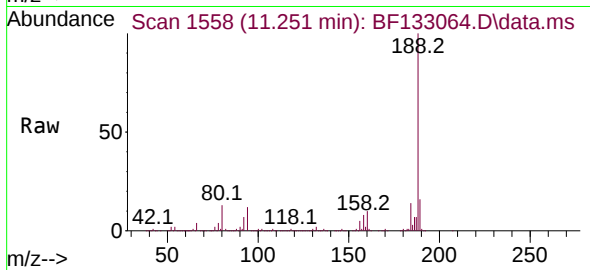
Tgt Ion:188 Resp: 757613

Ion Ratio Lower Upper

188 100

94 12.3 9.7 14.5

80 13.3 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: BF133064.D

Acq: 26 Apr 2023 14:11

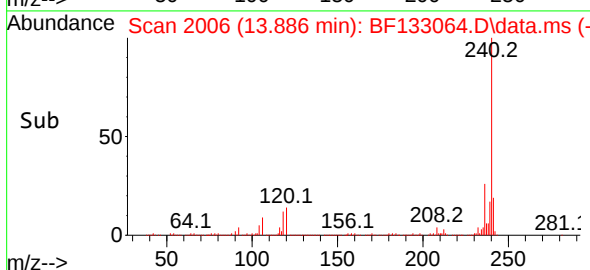
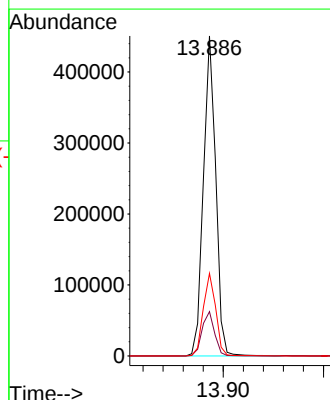
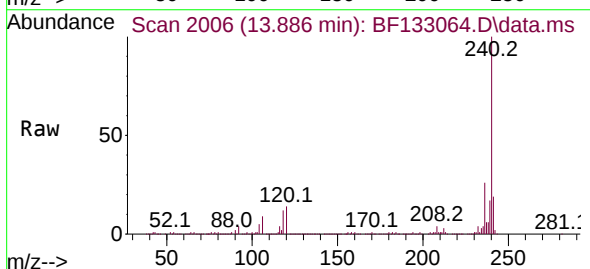
Tgt Ion:240 Resp: 387133

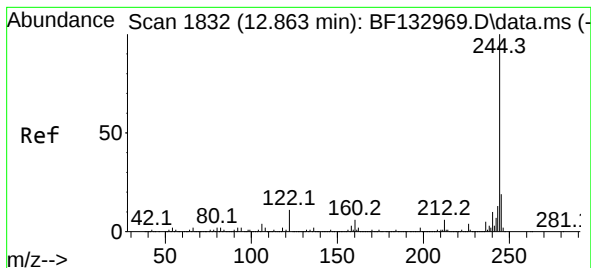
Ion Ratio Lower Upper

240 100

120 13.9 10.5 15.7

236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 63.825 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133064.D

Acq: 26 Apr 2023 14:11

Instrument :

BNA\_F

ClientSampleId :

S2S-TP4

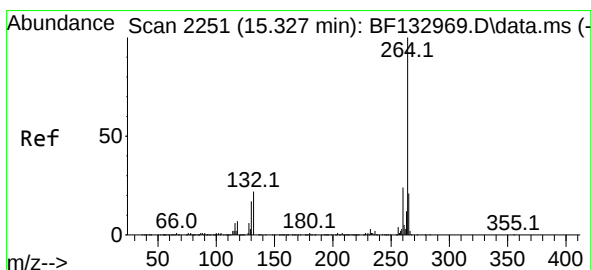
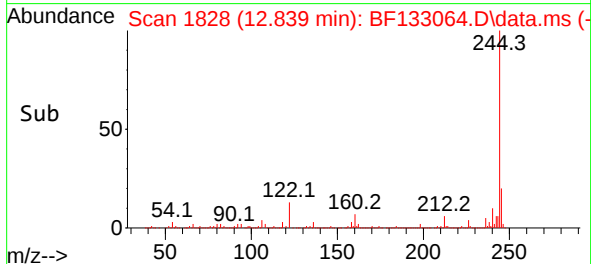
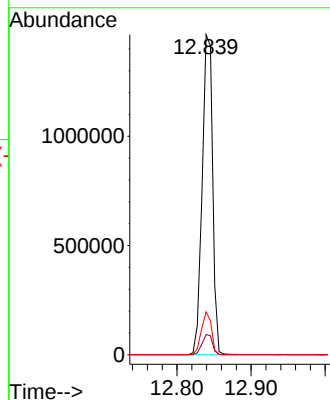
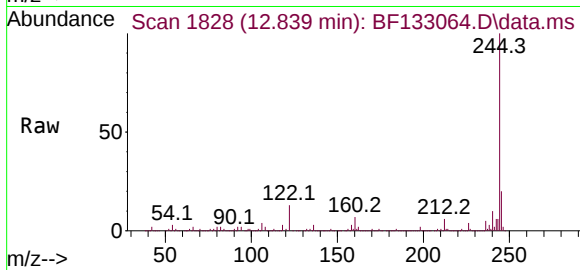
Tgt Ion:244 Resp: 1432679

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 13.4 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: BF133064.D

Acq: 26 Apr 2023 14:11

Tgt Ion:264 Resp: 378150

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.3 17.0 25.4

