

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042523\  
 Data File : BF133034.D  
 Acq On : 25 Apr 2023 18:54  
 Operator : CG\JU  
 Sample : PB152323BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB152323BL

Quant Time: Apr 26 02:15:54 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  | 243566   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.022  | 136  | 1051113  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 557748   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.257 | 188  | 1013709  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.892 | 240  | 738944   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.315 | 264  | 690103   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.363  | 112  | 1927546  | 119.547 | ng    | 0.01     |
| 7) Phenol-d6                | 6.387  | 99   | 2331845  | 116.517 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 1450118  | 74.467  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 656106   | 116.969 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 2463113  | 73.883  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.851 | 244  | 2934007  | 68.479  | ng    | 0.00     |

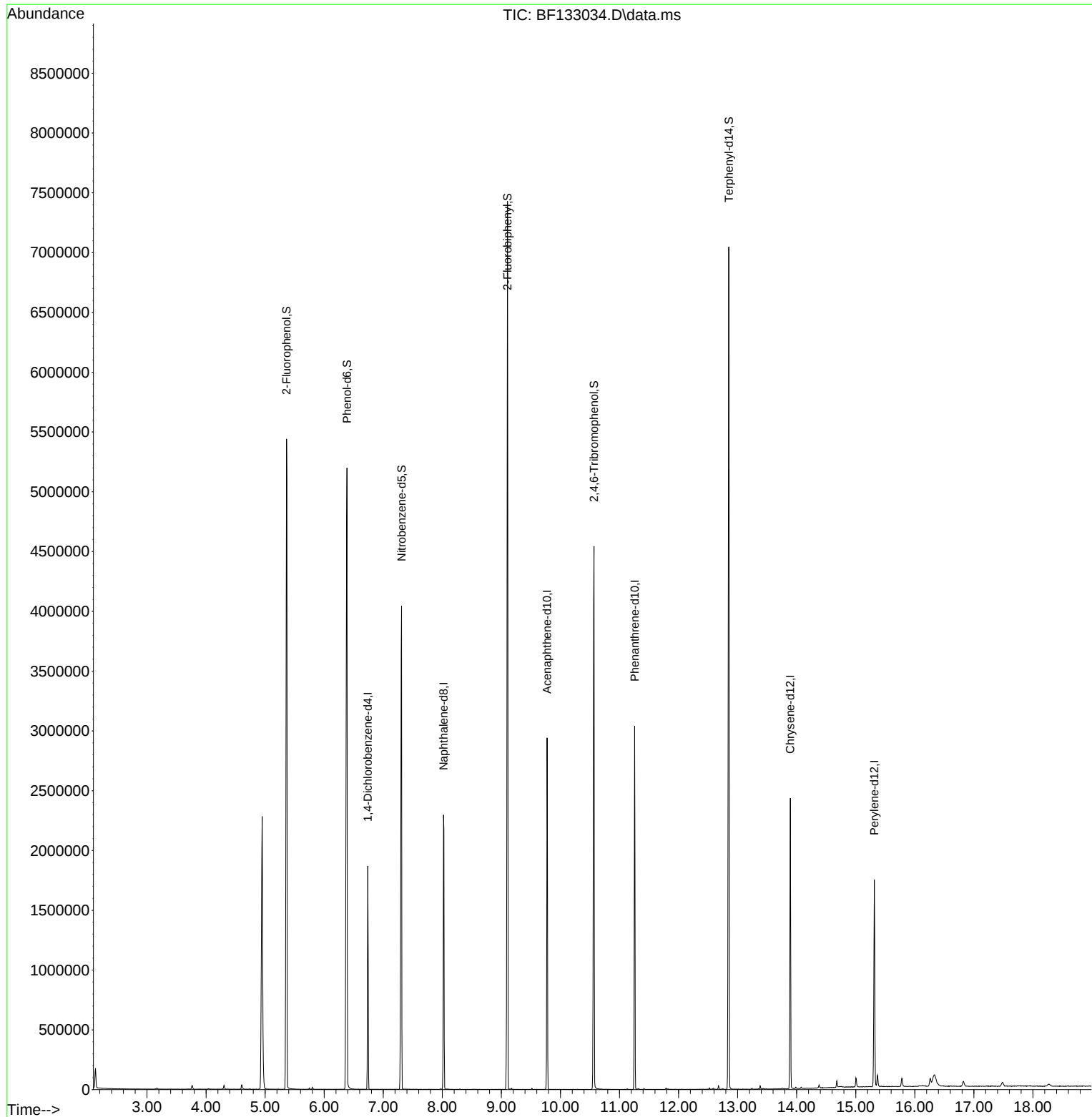
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

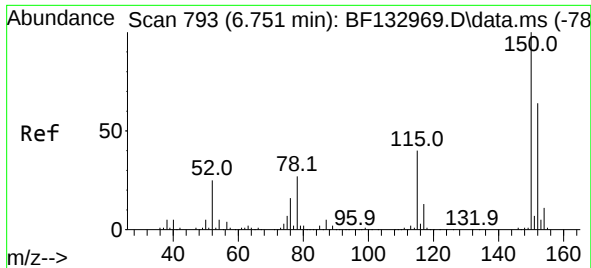
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 02:15:54 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

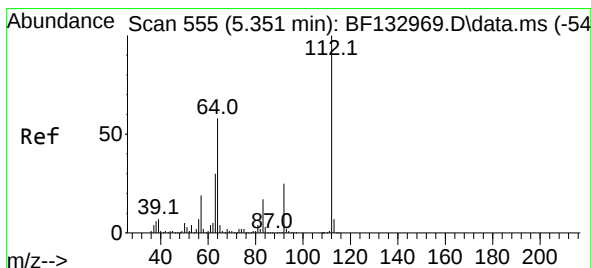
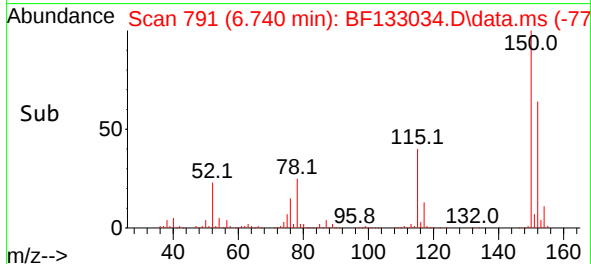
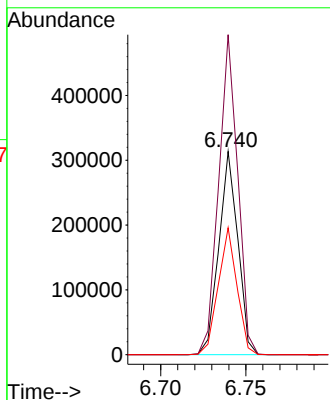
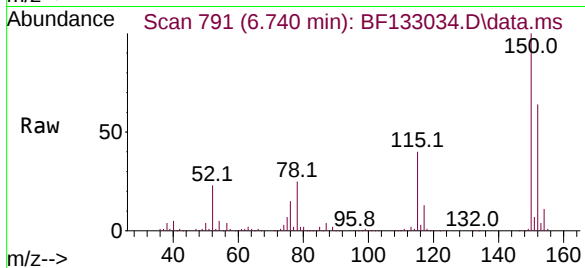




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 793  
Delta R.T. -0.005 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

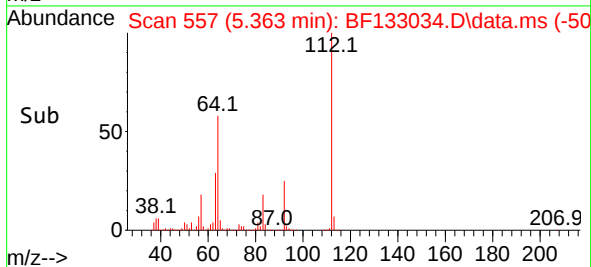
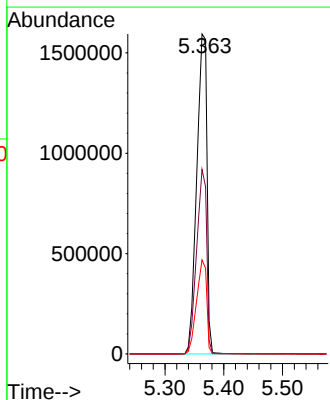
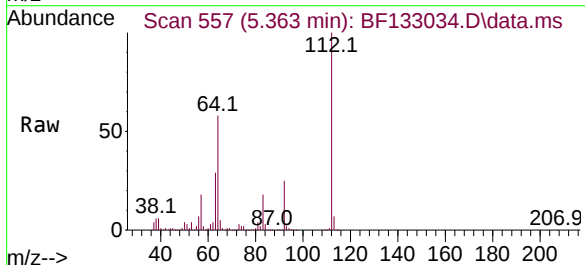
Instrument :  
BNA\_F  
ClientSampleId :  
PB152323BL

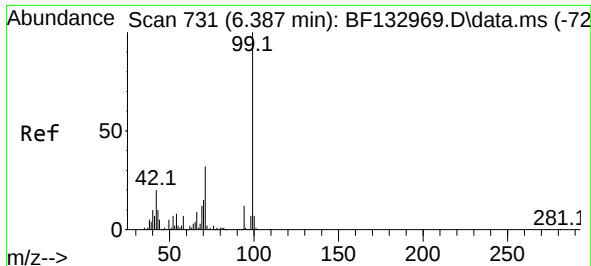
Tgt Ion:152 Resp: 243566  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.8 187.2  
115 62.4 49.9 74.9



#5  
2-Fluorophenol  
Concen: 119.547 ng  
RT: 5.363 min Scan# 557  
Delta R.T. 0.012 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

Tgt Ion:112 Resp: 1927546  
Ion Ratio Lower Upper  
112 100  
64 57.6 46.8 70.2  
63 29.4 23.8 35.8

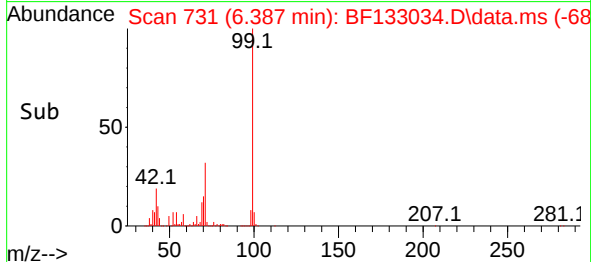
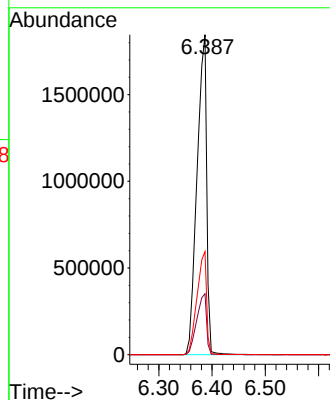
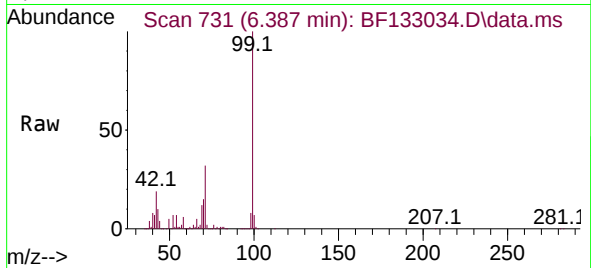




#7  
Phenol-d6  
Concen: 116.517 ng  
RT: 6.387 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

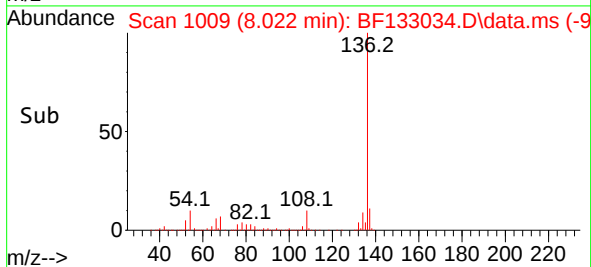
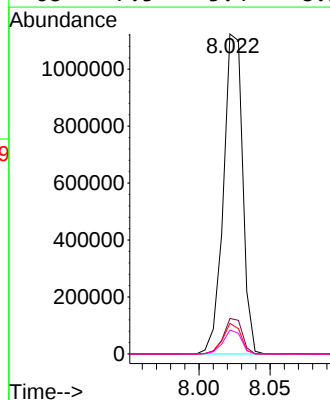
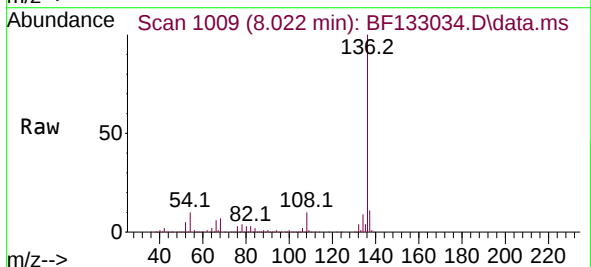
Instrument :  
BNA\_F  
ClientSampleId :  
PB152323BL

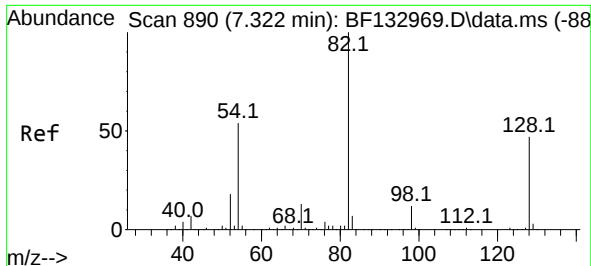
Tgt Ion: 99 Resp: 2331845  
Ion Ratio Lower Upper  
99 100  
42 19.0 16.3 24.5  
71 32.2 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

Tgt Ion:136 Resp: 1051113  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.6 7.0 10.4  
68 7.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 74.467 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133034.D

Acq: 25 Apr 2023 18:54

Instrument :

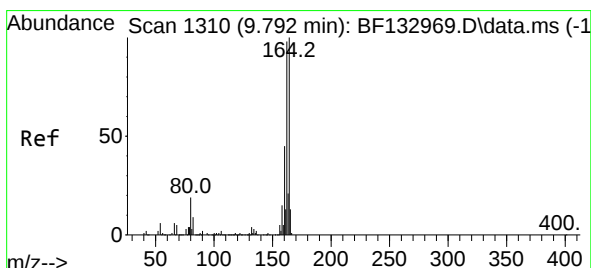
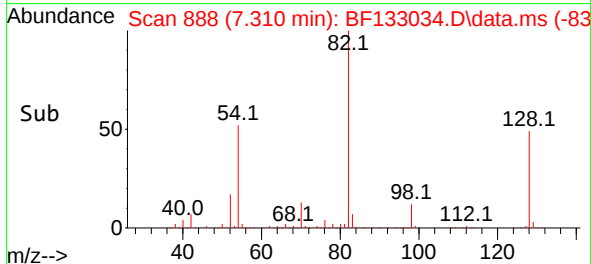
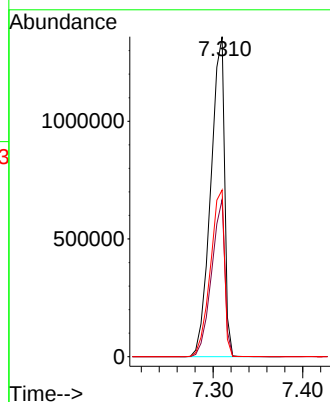
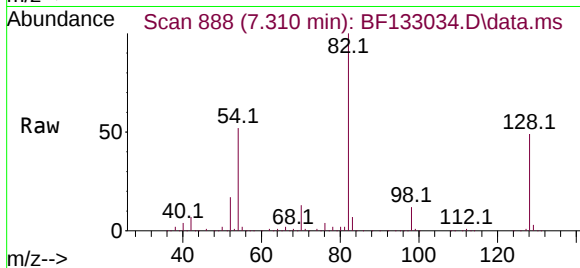
BNA\_F

ClientSampleId :

PB152323BL

Tgt Ion: 82 Resp: 1450118

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.1  | 37.7  | 56.5  |
| 54  | 52.1  | 43.0  | 64.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

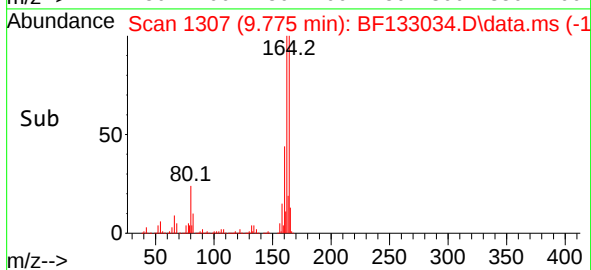
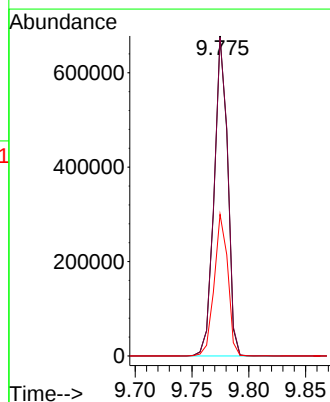
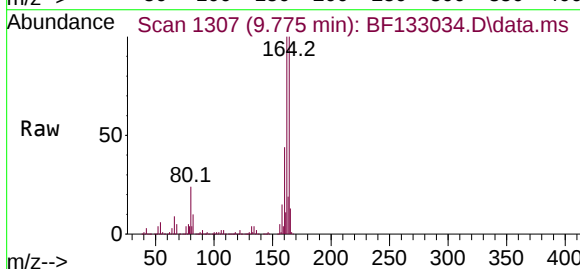
Delta R.T. -0.006 min

Lab File: BF133034.D

Acq: 25 Apr 2023 18:54

Tgt Ion: 164 Resp: 557748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.6  | 78.7  | 118.1 |
| 160 | 44.3  | 35.8  | 53.6  |

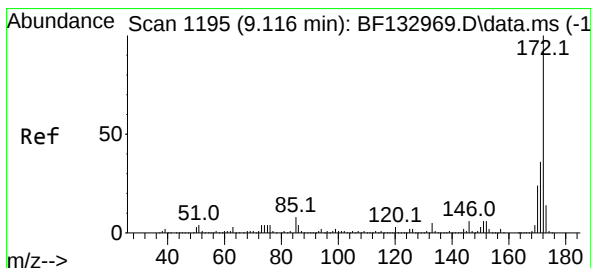
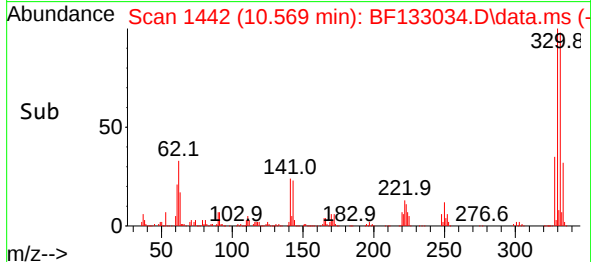
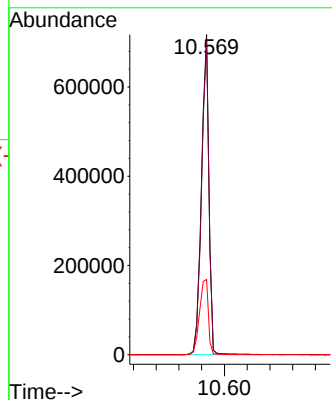
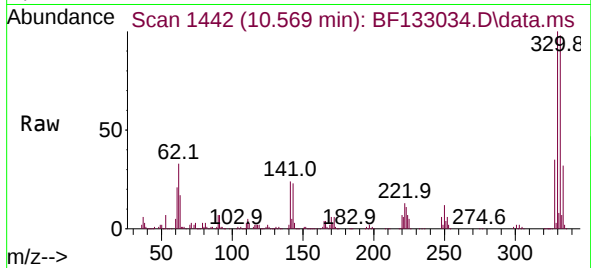




#42  
2,4,6-Tribromophenol  
Concen: 116.969 ng  
RT: 10.569 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

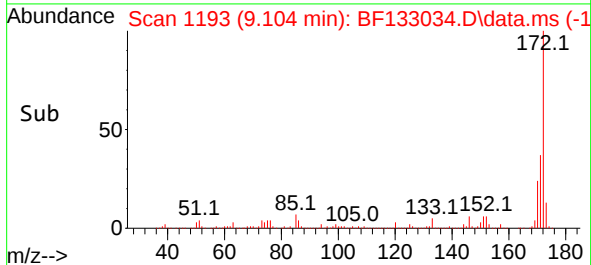
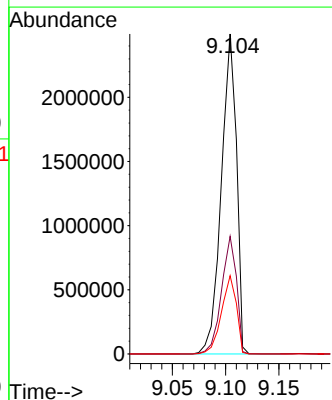
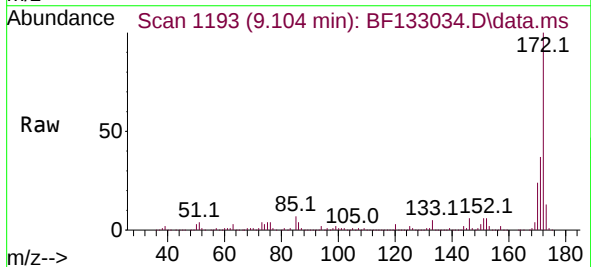
Instrument :  
BNA\_F  
ClientSampleId :  
PB152323BL

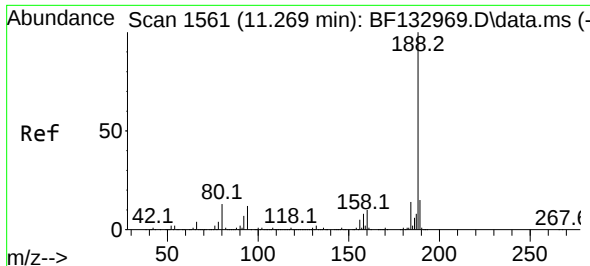
Tgt Ion:330 Resp: 656106  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 28.0 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 73.883 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

Tgt Ion:172 Resp: 2463113  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.8 43.2  
170 24.4 19.4 29.2

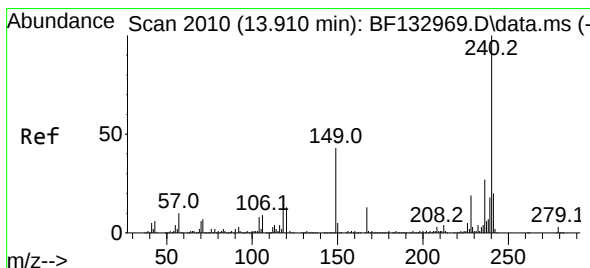
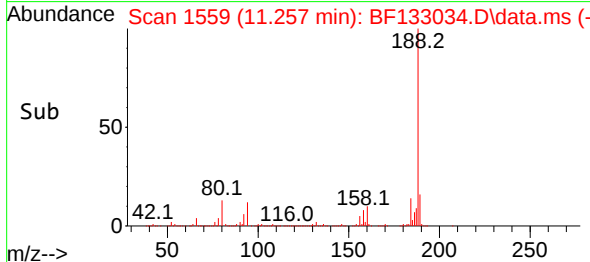
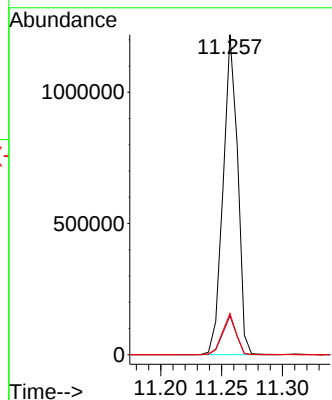
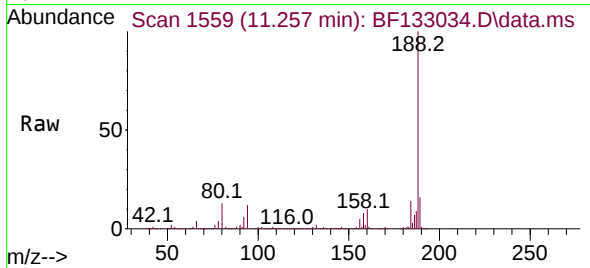




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.257 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

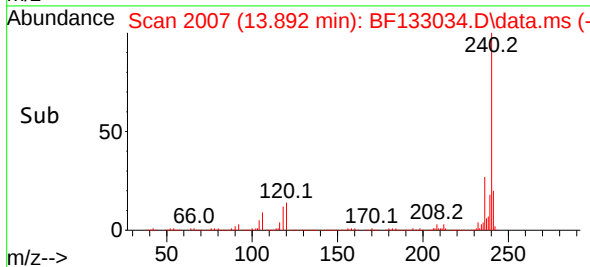
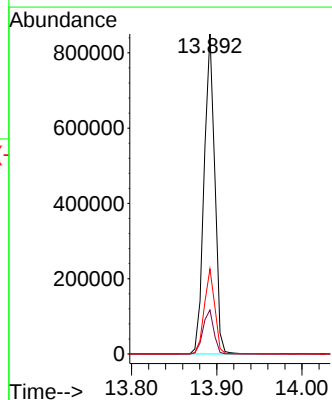
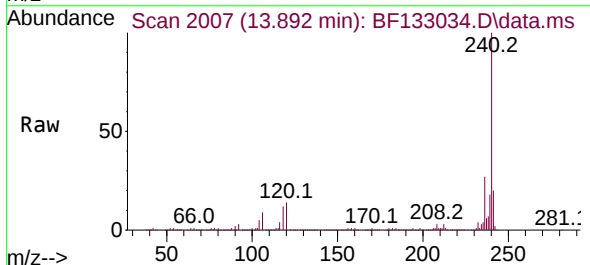
Instrument :  
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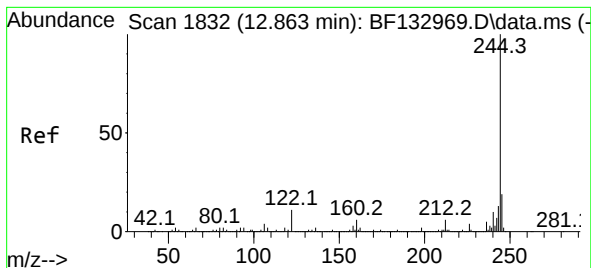
Tgt Ion:188 Resp: 1013709  
Ion Ratio Lower Upper  
188 100  
94 12.1 9.7 14.5  
80 12.9 10.4 15.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.892 min Scan# 2007  
Delta R.T. -0.006 min  
Lab File: BF133034.D  
Acq: 25 Apr 2023 18:54

Tgt Ion:240 Resp: 738944  
Ion Ratio Lower Upper  
240 100  
120 13.8 10.5 15.7  
236 26.6 21.5 32.3





#79

Terphenyl-d14

Concen: 68.479 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133034.D

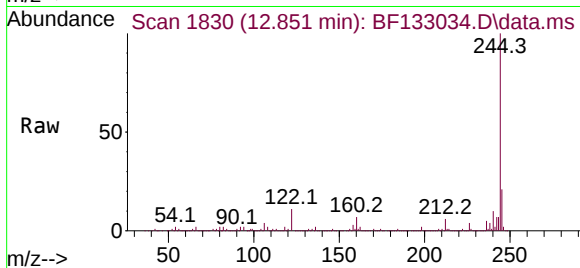
Acq: 25 Apr 2023 18:54

Instrument :

BNA\_F

ClientSampleId :

PB152323BL



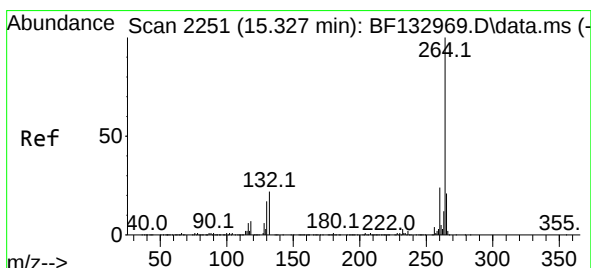
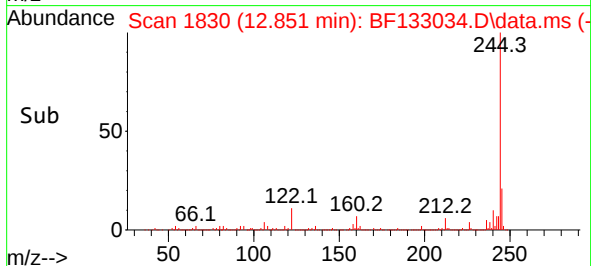
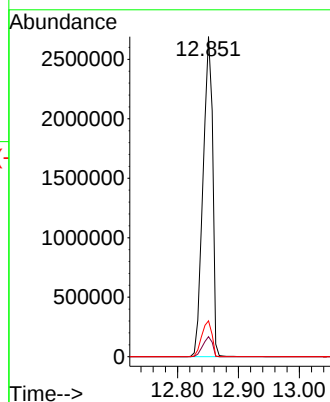
Tgt Ion:244 Resp: 2934007

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.315 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133034.D

Acq: 25 Apr 2023 18:54

Tgt Ion:264 Resp: 690103

Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

265 22.5 17.0 25.4

