

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
 Data File : BF132520.D  
 Acq On : 23 Feb 2023 14:58  
 Operator : CG\JU  
 Sample : 01657-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-17-SB01

Quant Time: Feb 24 00:36:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.007  | 152  | 178747   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.295  | 136  | 664093   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.054 | 164  | 367684   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.548 | 188  | 732943   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.207 | 240  | 419086   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.759 | 264  | 350804   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.642  | 112  | 897110   | 81.455 | ng    | 0.00     |
| 7) Phenol-d6                | 6.636  | 99   | 1147804  | 79.854 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.572  | 82   | 750301   | 53.603 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.848 | 330  | 319659   | 80.502 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.372  | 172  | 1247661  | 51.668 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.142 | 244  | 1464630  | 59.089 | ng    | 0.00     |

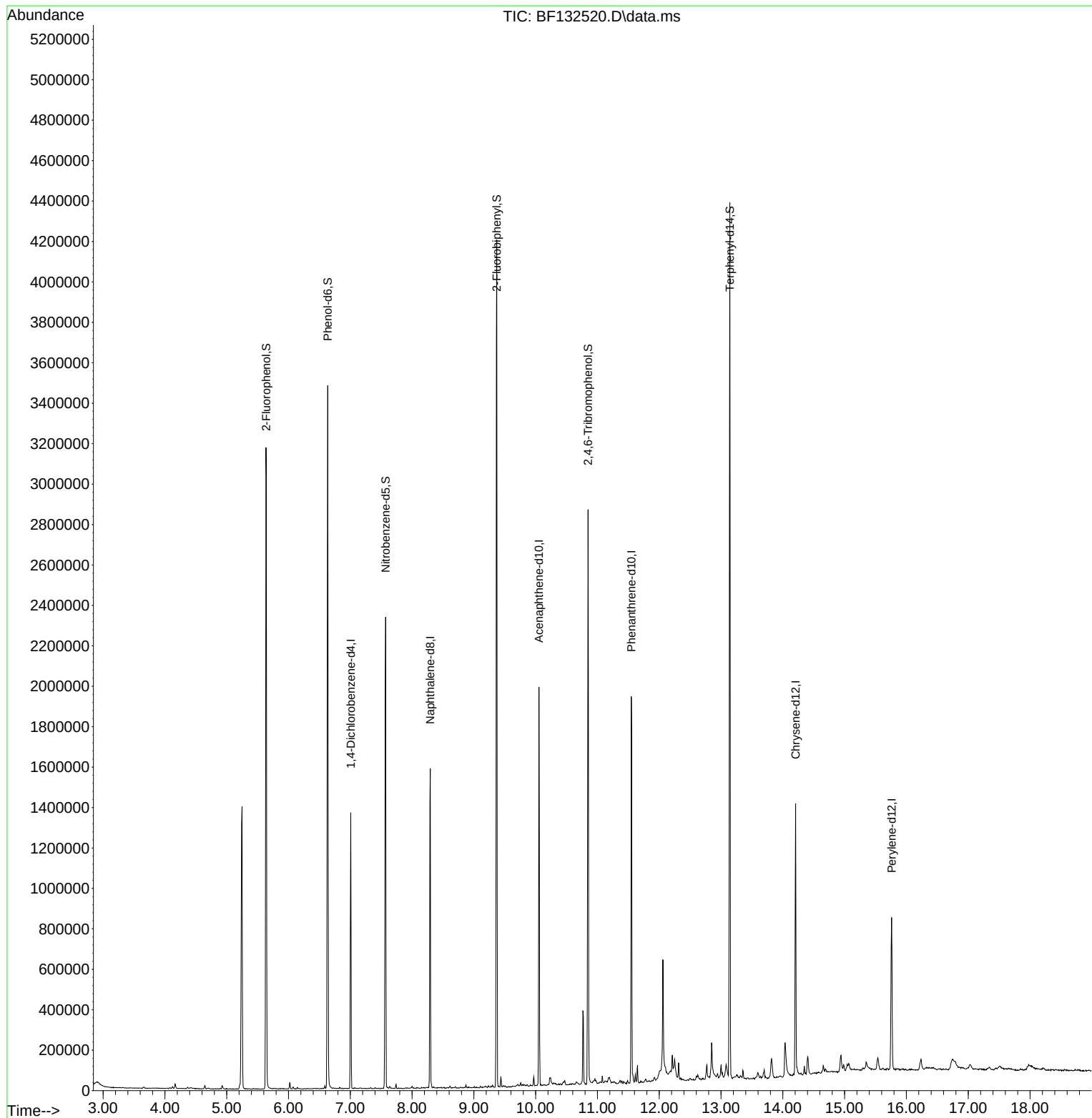
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

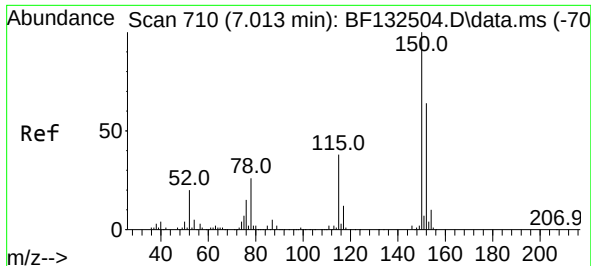
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 23 00:59:42 2023  
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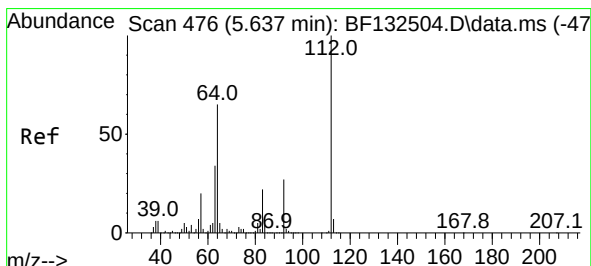
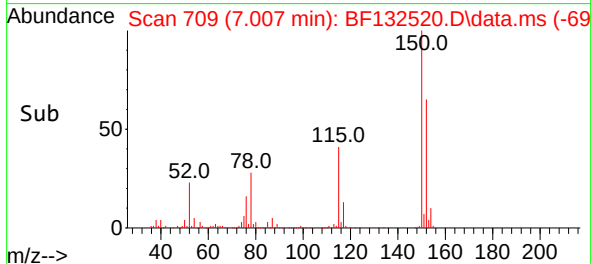
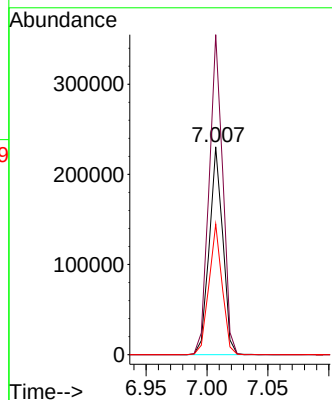
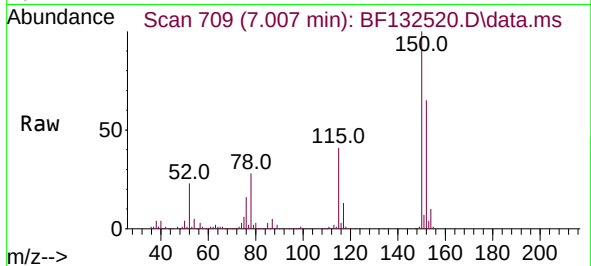




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.007 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: BF132520.D  
 Acq: 23 Feb 2023 14:58

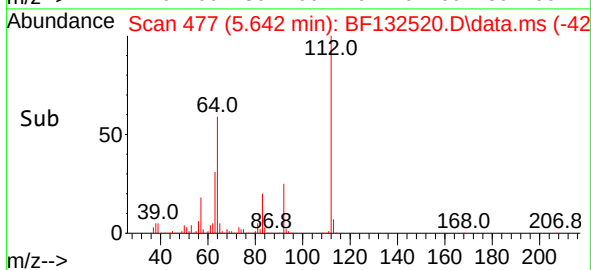
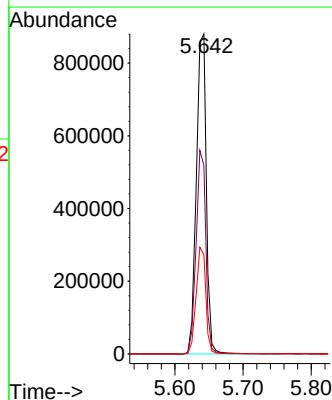
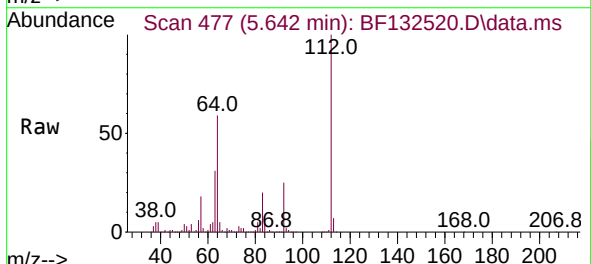
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-17-SB01

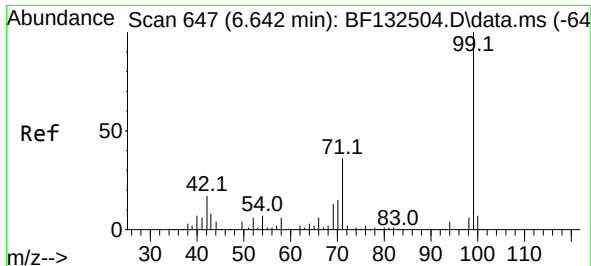
Tgt Ion:152 Resp: 178747  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 125.4 188.2  
 115 62.8 47.8 71.6



#5  
 2-Fluorophenol  
 Concen: 81.455 ng  
 RT: 5.642 min Scan# 477  
 Delta R.T. 0.006 min  
 Lab File: BF132520.D  
 Acq: 23 Feb 2023 14:58

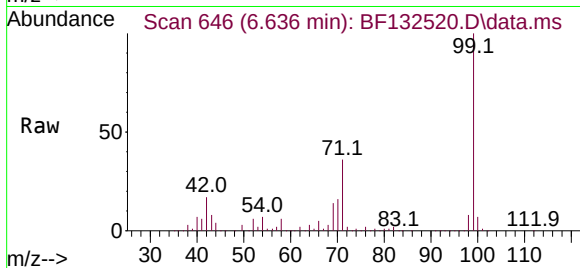
Tgt Ion:112 Resp: 897110  
 Ion Ratio Lower Upper  
 112 100  
 64 58.9 51.6 77.4  
 63 31.0 27.4 41.2





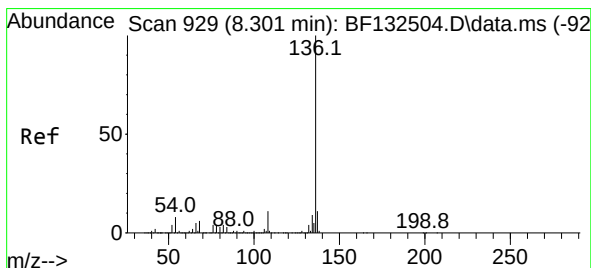
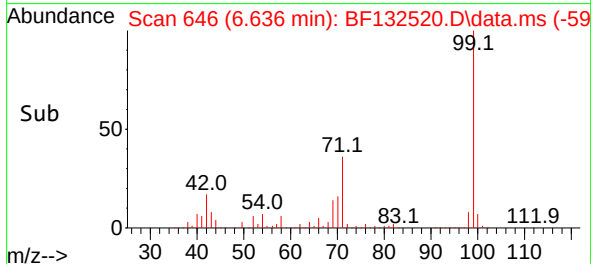
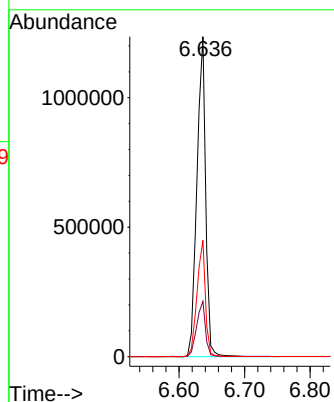
#7  
Phenol-d6  
Concen: 79.854 ng  
RT: 6.636 min Scan# 647  
Delta R.T. -0.006 min  
Lab File: BF132520.D  
Acq: 23 Feb 2023 14:58

Instrument :  
BNA\_F  
ClientSampleId :  
B-17-SB01



Tgt Ion: 99 Resp: 1147804

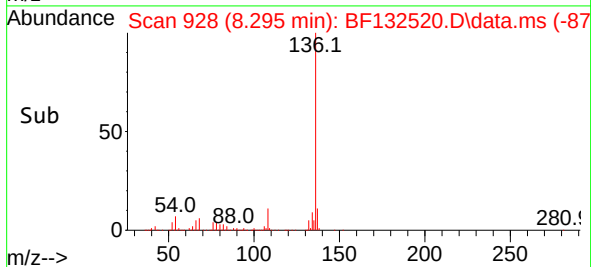
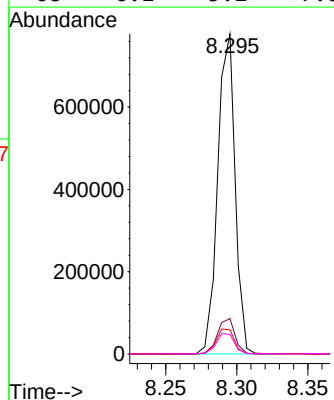
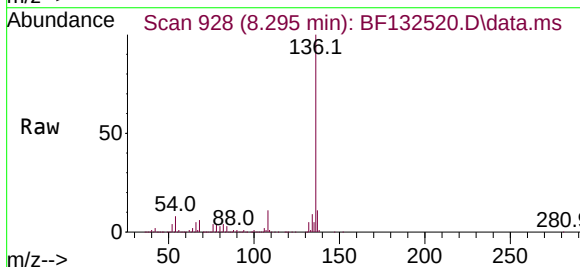
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.3  | 13.9  | 20.9  |
| 71  | 36.4  | 28.5  | 42.7  |

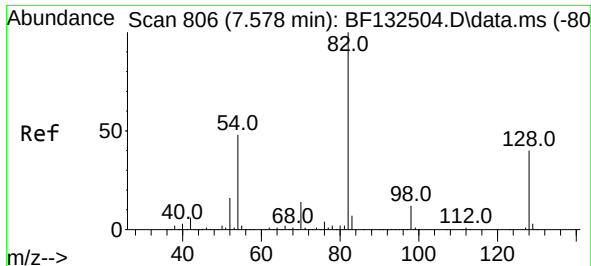


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.295 min Scan# 928  
Delta R.T. -0.006 min  
Lab File: BF132520.D  
Acq: 23 Feb 2023 14:58

Tgt Ion: 136 Resp: 664093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.9   | 13.3  |
| 54  | 7.5   | 6.2   | 9.4   |
| 68  | 6.1   | 5.2   | 7.8   |





#23

Nitrobenzene-d5

Concen: 53.603 ng

RT: 7.572 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Instrument :

BNA\_F

ClientSampleId :

B-17-SB01

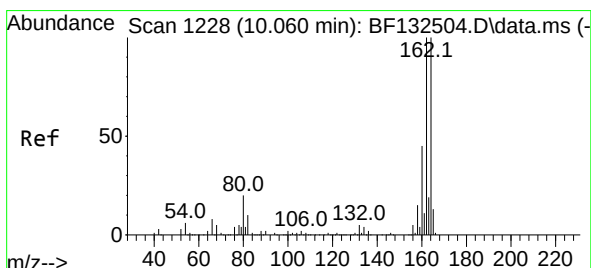
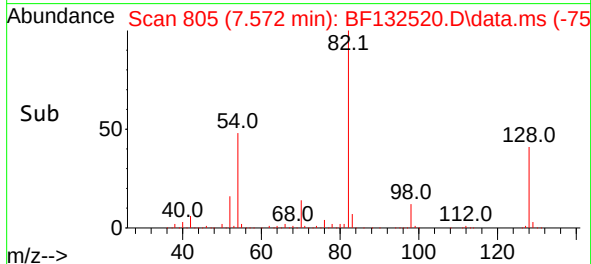
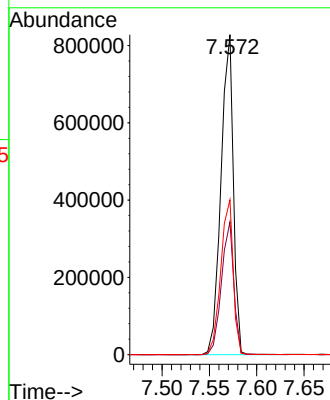
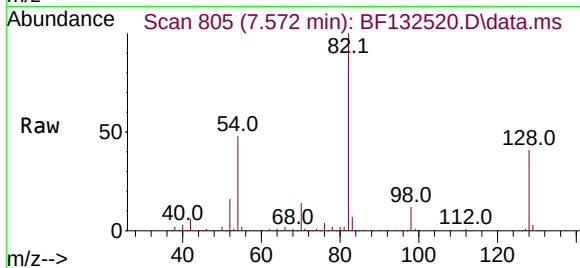
Tgt Ion: 82 Resp: 750301

Ion Ratio Lower Upper

82 100

128 41.5 32.2 48.2

54 48.4 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.054 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

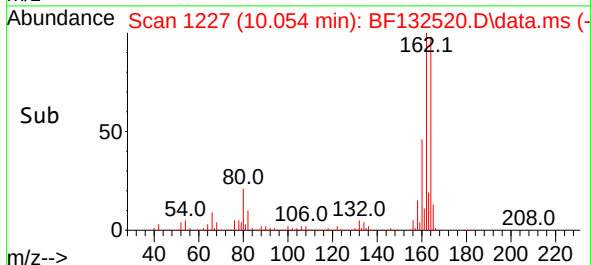
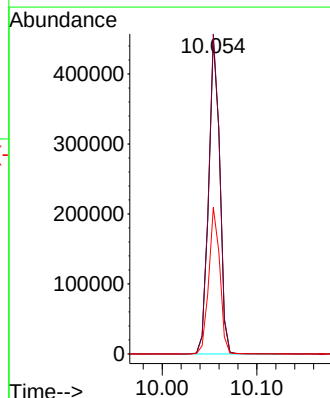
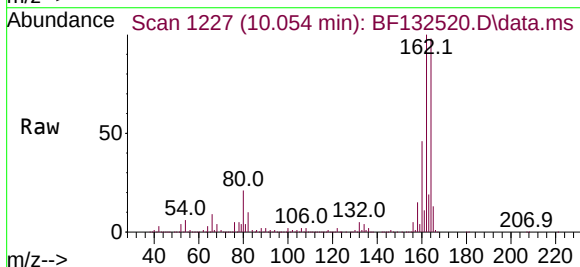
Tgt Ion:164 Resp: 367684

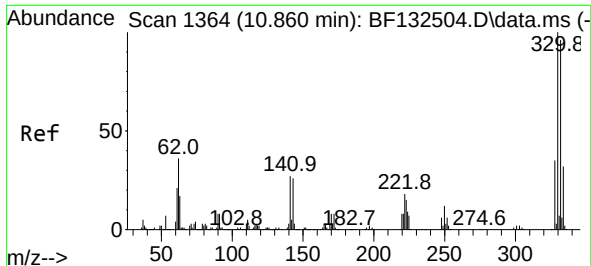
Ion Ratio Lower Upper

164 100

162 101.7 79.8 119.8

160 46.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 80.502 ng

RT: 10.848 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Instrument :

BNA\_F

ClientSampleId :

B-17-SB01

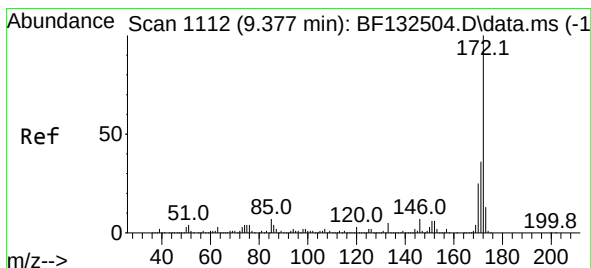
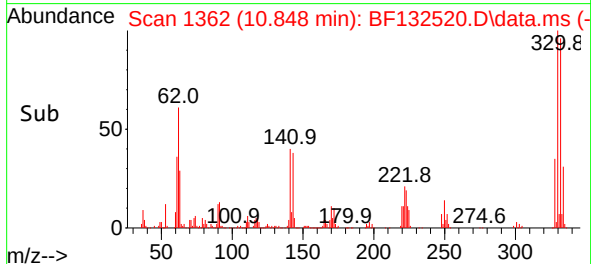
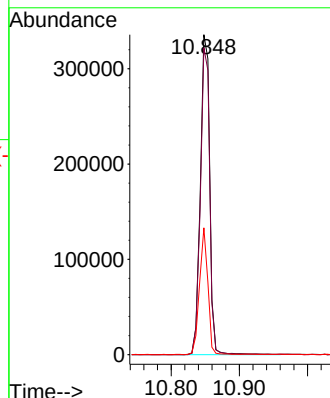
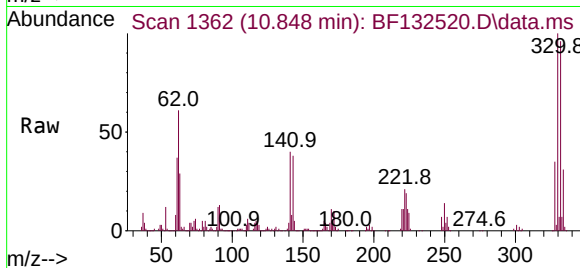
Tgt Ion:330 Resp: 319659

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 35.6 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 51.668 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

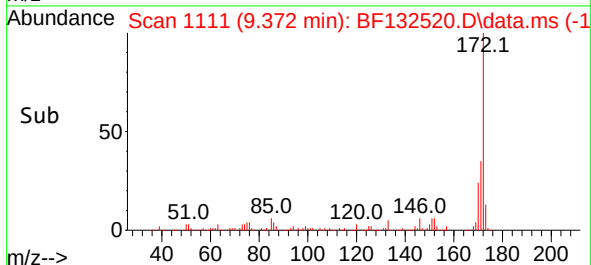
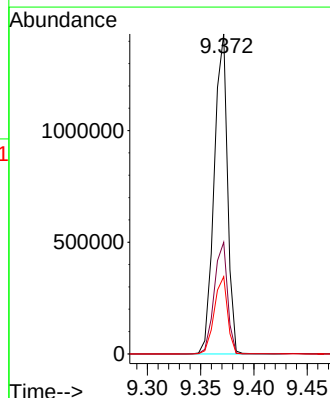
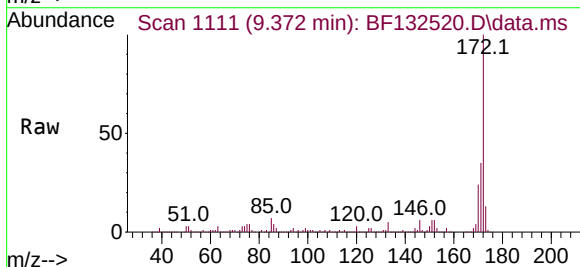
Tgt Ion:172 Resp: 1247661

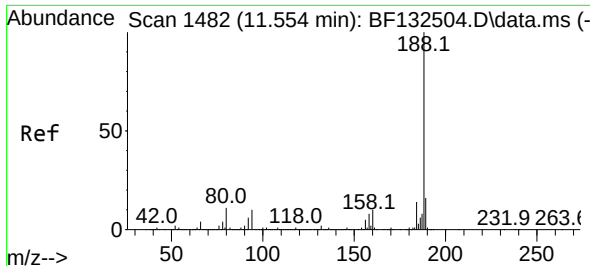
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 24.1 19.7 29.5

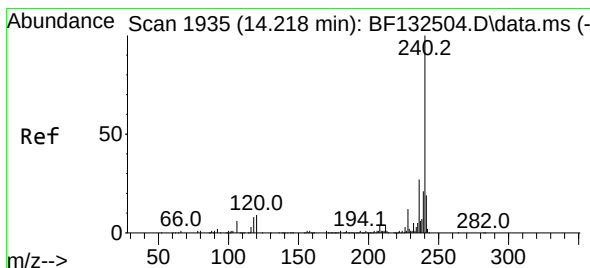
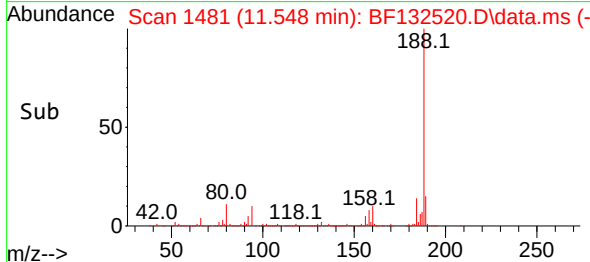
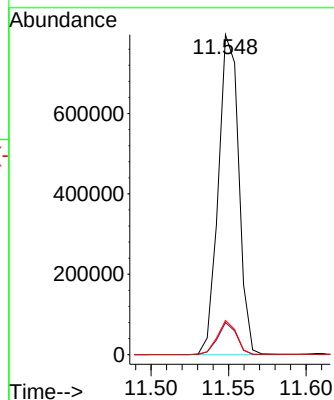
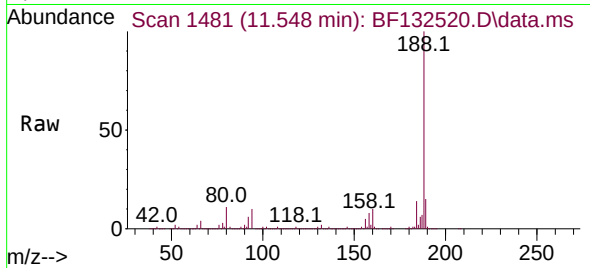




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.548 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BF132520.D  
Acq: 23 Feb 2023 14:58

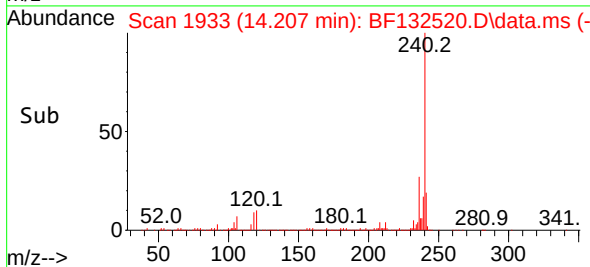
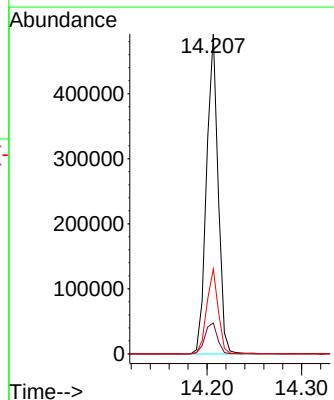
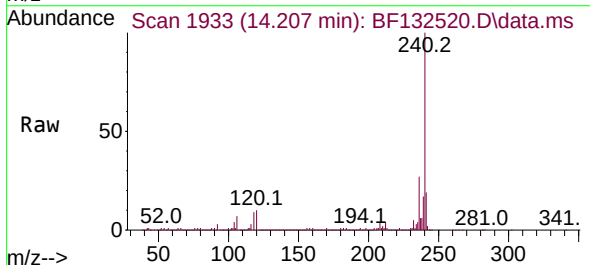
Instrument :  
BNA\_F  
ClientSampleId :  
B-17-SB01

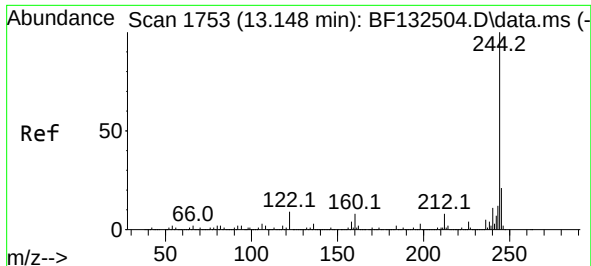
Tgt Ion:188 Resp: 732943  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.3 12.5  
80 10.7 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.207 min Scan# 1933  
Delta R.T. -0.012 min  
Lab File: BF132520.D  
Acq: 23 Feb 2023 14:58

Tgt Ion:240 Resp: 419086  
Ion Ratio Lower Upper  
240 100  
120 9.7 7.2 10.8  
236 26.5 21.8 32.6

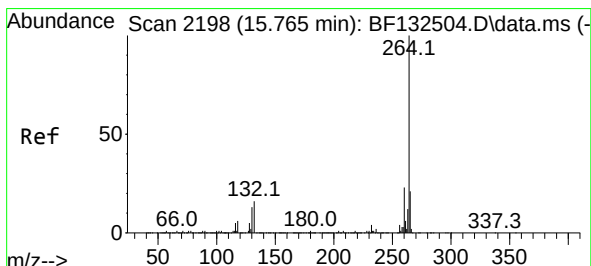
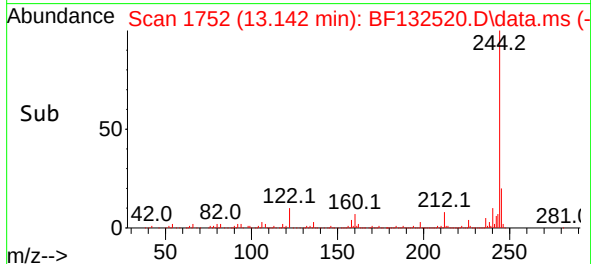
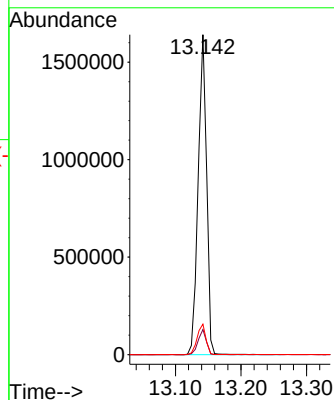
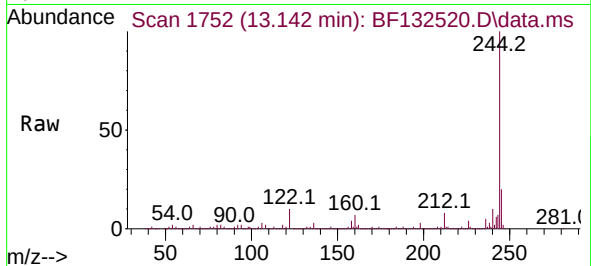




#79  
 Terphenyl-d14  
 Concen: 59.089 ng  
 RT: 13.142 min Scan# 1752  
 Delta R.T. -0.006 min  
 Lab File: BF132520.D  
 Acq: 23 Feb 2023 14:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-17-SB01

Tgt Ion:244 Resp: 1464630  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.5 9.7  
 122 9.5 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.759 min Scan# 2197  
 Delta R.T. -0.006 min  
 Lab File: BF132520.D  
 Acq: 23 Feb 2023 14:58

Tgt Ion:264 Resp: 350804  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 18.8 28.2  
 265 21.7 17.1 25.7

