

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
 Data File : BF132519.D  
 Acq On : 23 Feb 2023 14:22  
 Operator : CG\JU  
 Sample : PB151028BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB151028BL

Quant Time: Feb 24 00:36:40 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  | 189419   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.295  | 136  | 702216   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.054 | 164  | 388042   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.548 | 188  | 765069   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.207 | 240  | 588176   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.759 | 264  | 488967   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.648  | 112  | 1450536  | 124.284 | ng    | 0.01     |
| 7) Phenol-d6                | 6.637  | 99   | 1900010  | 124.739 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.572  | 82   | 1288045  | 87.025  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.854 | 330  | 540400   | 128.953 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.372  | 172  | 2018047  | 79.187  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.148 | 244  | 2638905  | 75.857  | ng    | 0.00     |

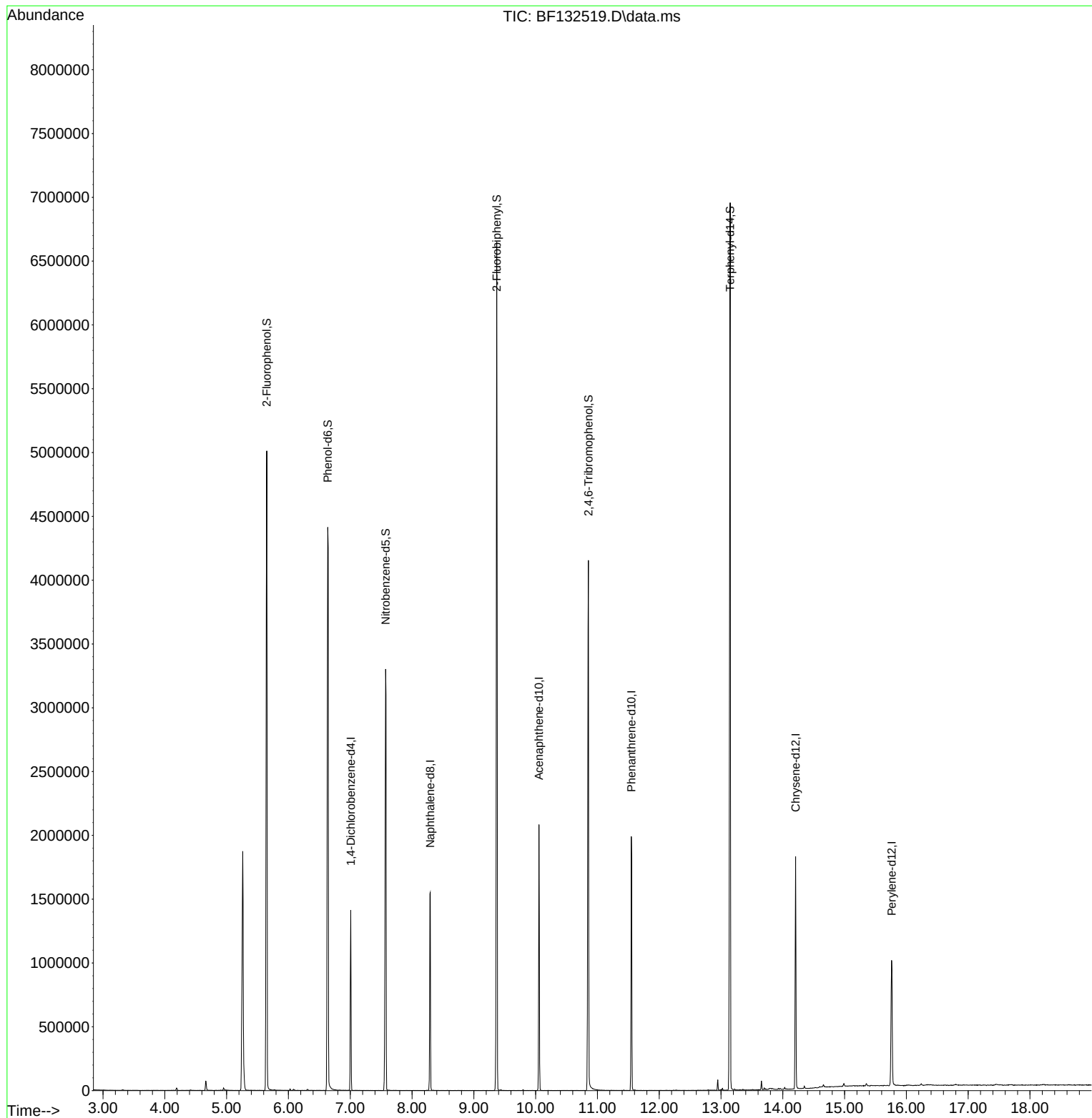
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

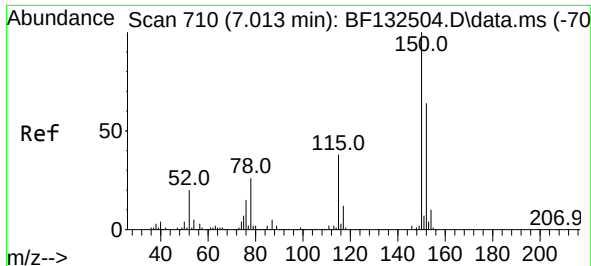
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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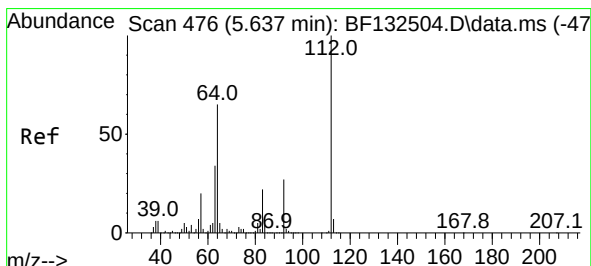
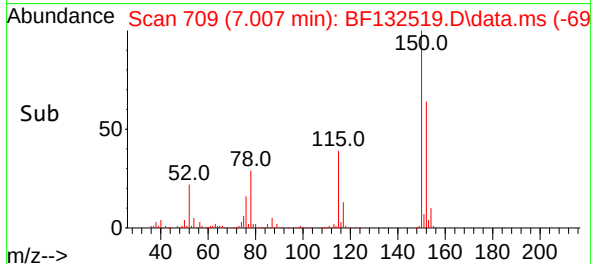
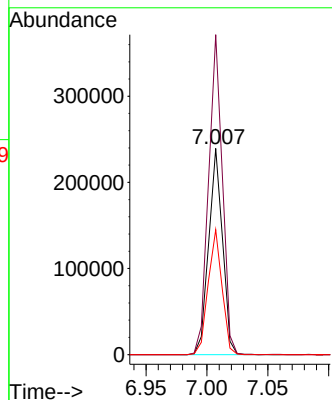
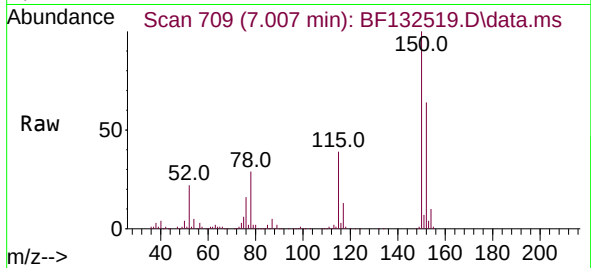




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.007 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: BF132519.D  
 Acq: 23 Feb 2023 14:22

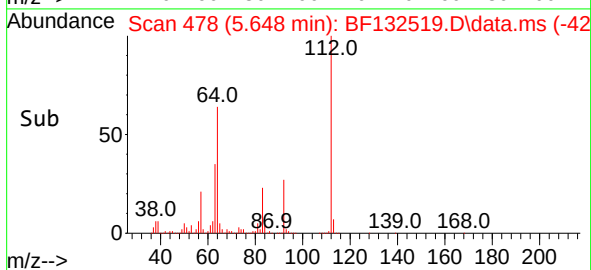
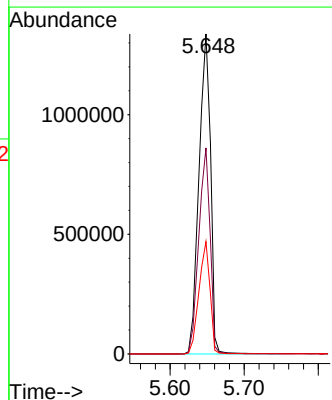
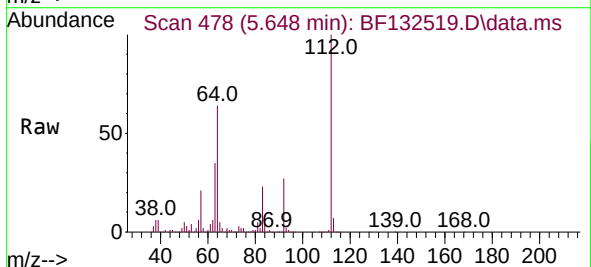
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB151028BL

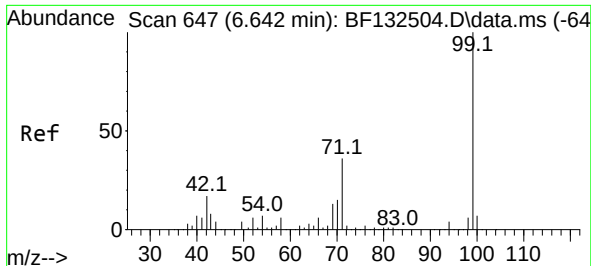
Tgt Ion:152 Resp: 189419  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 125.4 188.2  
 115 60.6 47.8 71.6



#5  
 2-Fluorophenol  
 Concen: 124.284 ng  
 RT: 5.648 min Scan# 478  
 Delta R.T. 0.012 min  
 Lab File: BF132519.D  
 Acq: 23 Feb 2023 14:22

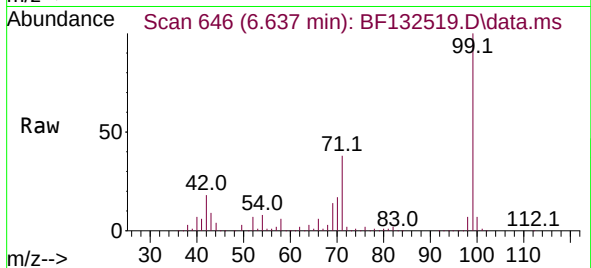
Tgt Ion:112 Resp: 1450536  
 Ion Ratio Lower Upper  
 112 100  
 64 64.4 51.6 77.4  
 63 35.1 27.4 41.2



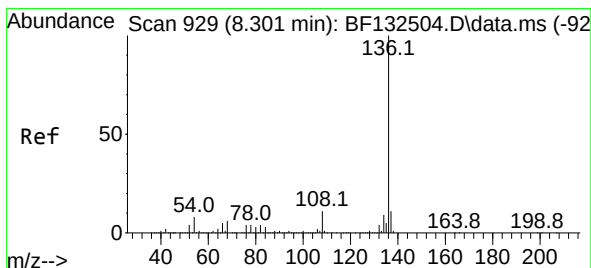
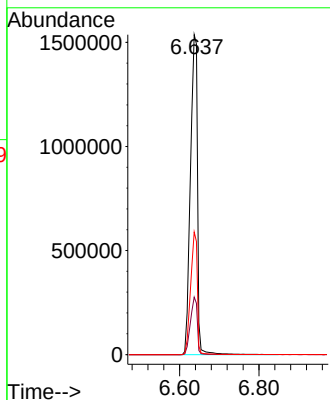
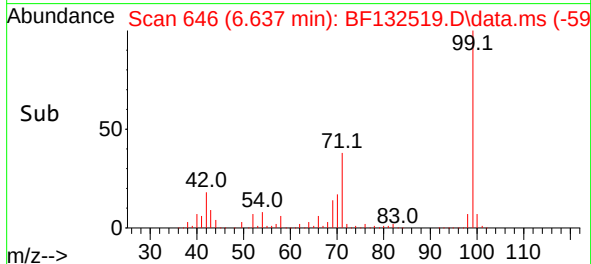


#7  
Phenol-d6  
Concen: 124.739 ng  
RT: 6.637 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22

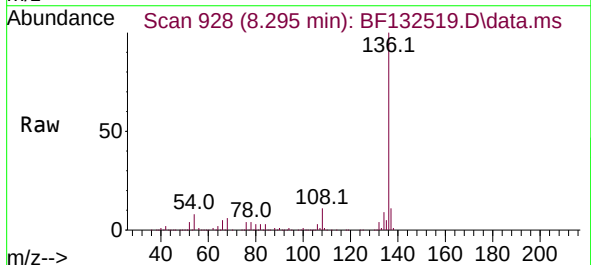
Instrument :  
BNA\_F  
ClientSampleId :  
PB151028BL



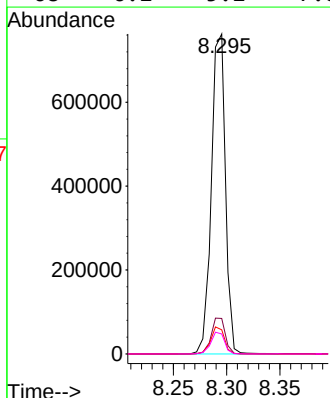
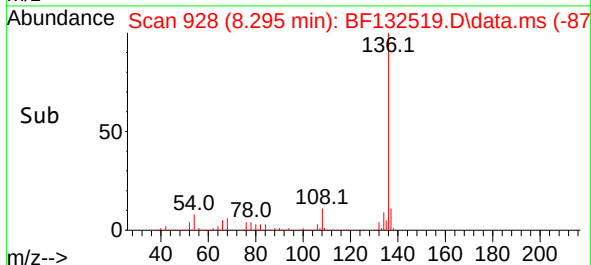
Tgt Ion: 99 Resp: 1900010  
Ion Ratio Lower Upper  
99 100  
42 18.0 13.9 20.9  
71 38.3 28.5 42.7

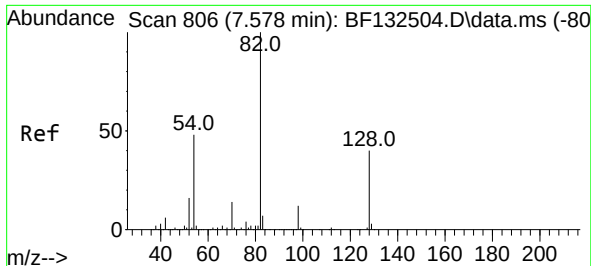


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.295 min Scan# 928  
Delta R.T. -0.006 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22



Tgt Ion:136 Resp: 702216  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.5 6.2 9.4  
68 6.2 5.2 7.8

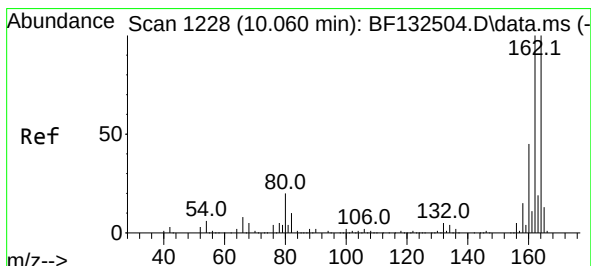
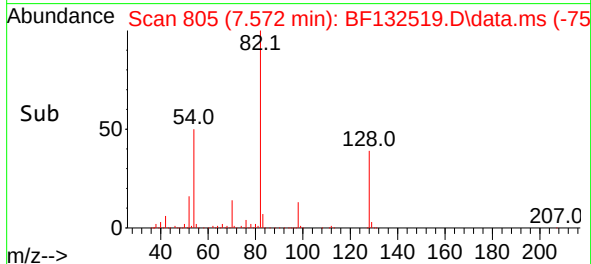
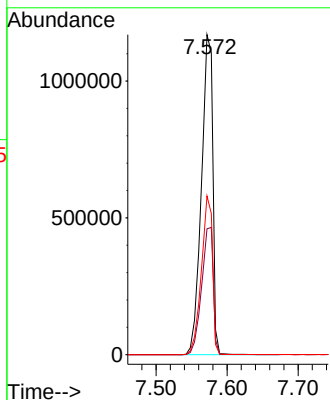
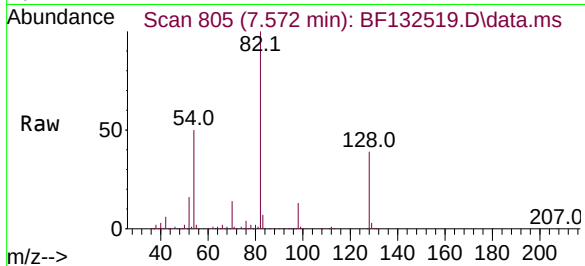




#23  
Nitrobenzene-d5  
Concen: 87.025 ng  
RT: 7.572 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22

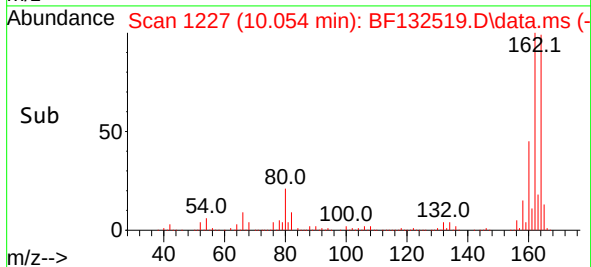
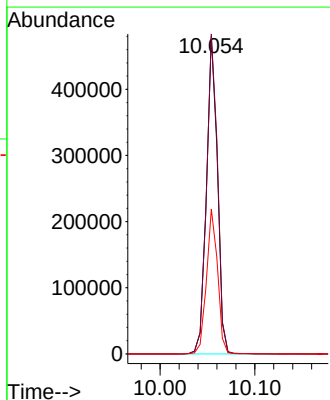
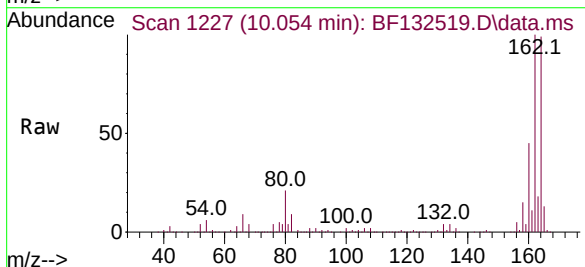
Instrument :  
BNA\_F  
ClientSampleId :  
PB151028BL

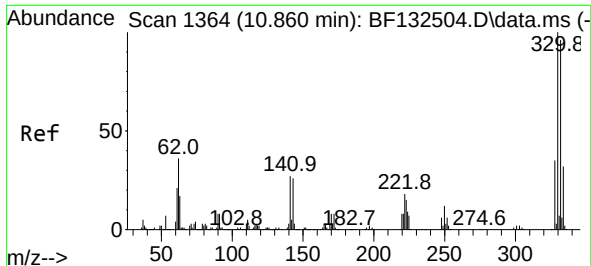
Tgt Ion: 82 Resp: 1288045  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.2 48.2  
54 49.6 38.4 57.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.054 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22

Tgt Ion: 164 Resp: 388042  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.8 119.8  
160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 128.953 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132519.D

Acq: 23 Feb 2023 14:22

Instrument :

BNA\_F

ClientSampleId :

PB151028BL

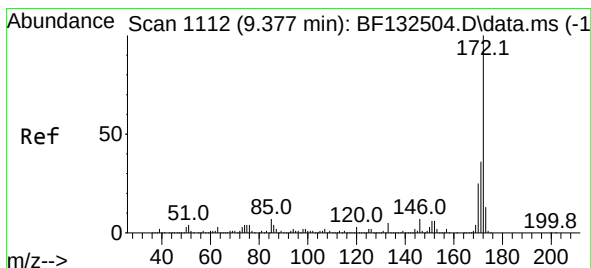
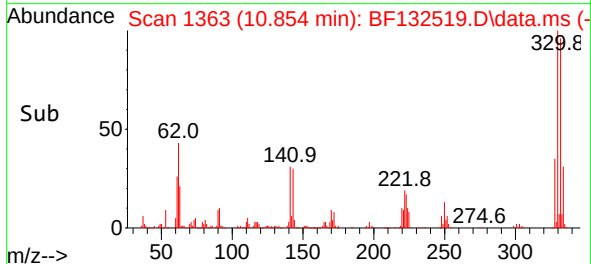
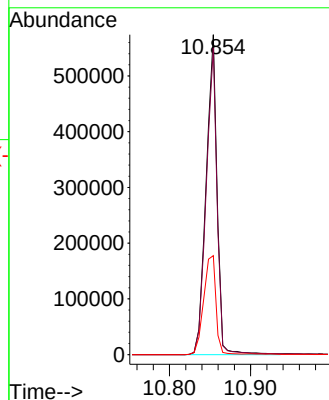
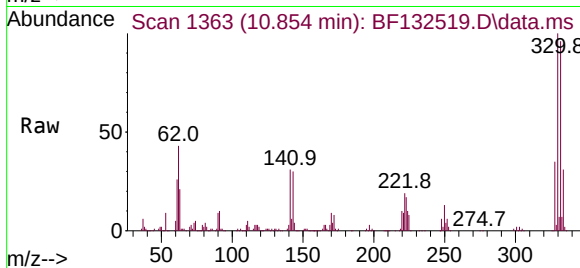
Tgt Ion:330 Resp: 540400

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 35.1 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 79.187 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132519.D

Acq: 23 Feb 2023 14:22

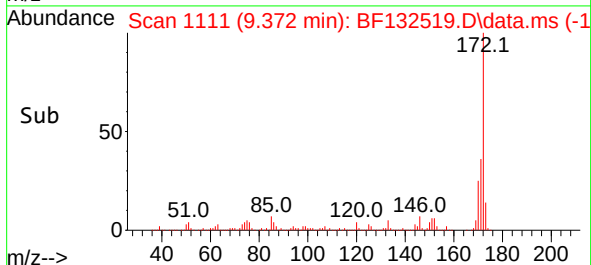
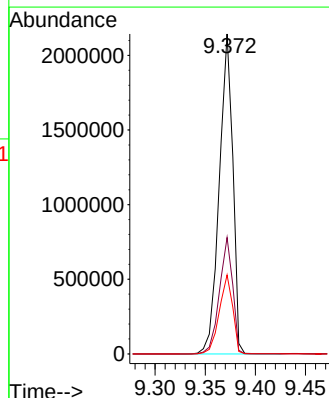
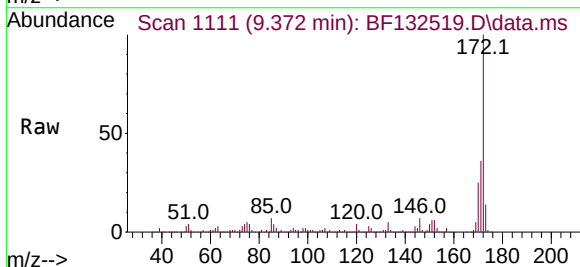
Tgt Ion:172 Resp: 2018047

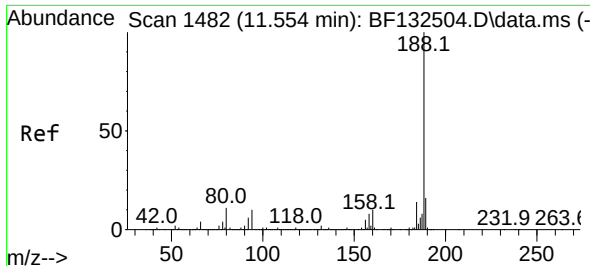
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.7 19.7 29.5

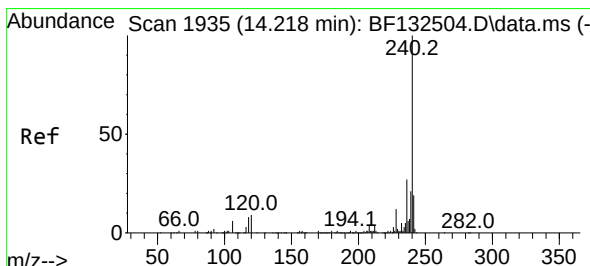
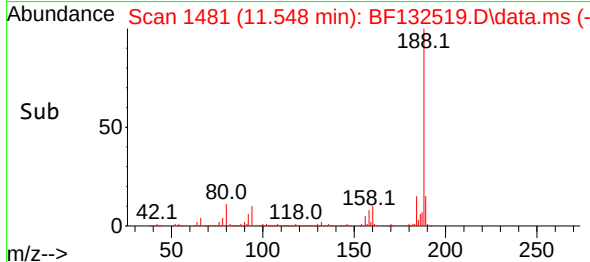
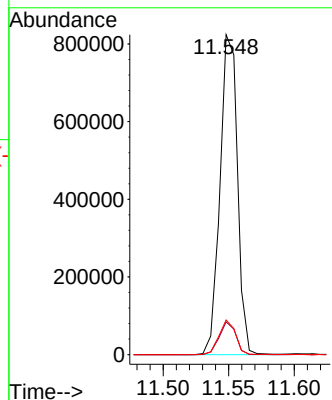
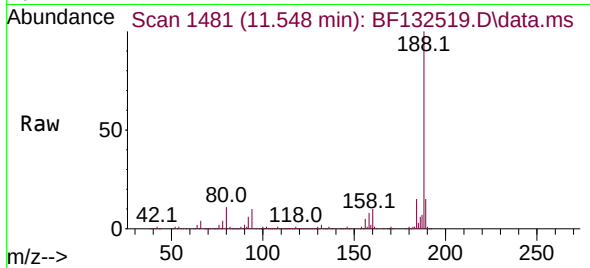




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.548 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22

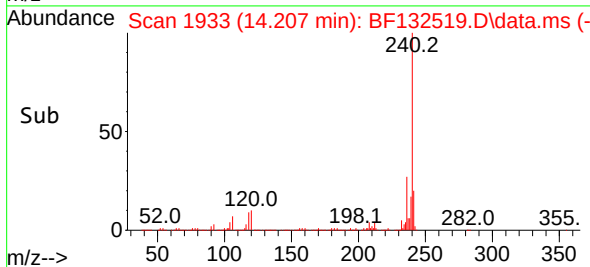
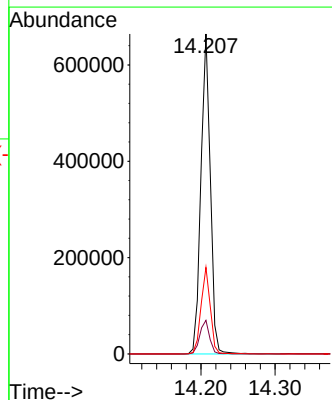
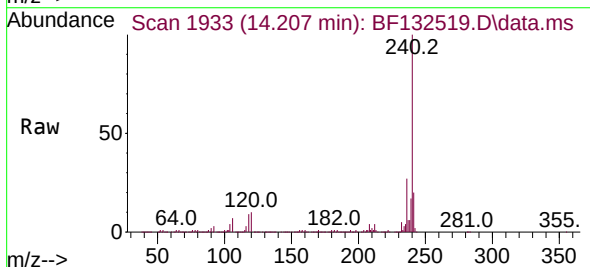
Instrument :  
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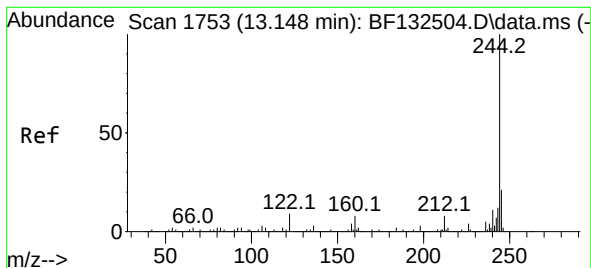
Tgt Ion:188 Resp: 765069  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.3 12.5  
80 10.8 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.207 min Scan# 1933  
Delta R.T. -0.012 min  
Lab File: BF132519.D  
Acq: 23 Feb 2023 14:22

Tgt Ion:240 Resp: 588176  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.2 10.8  
236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 75.857 ng

RT: 13.148 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132519.D

Acq: 23 Feb 2023 14:22

Instrument :

BNA\_F

ClientSampleId :

PB151028BL

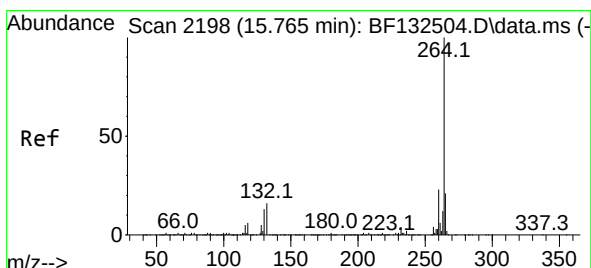
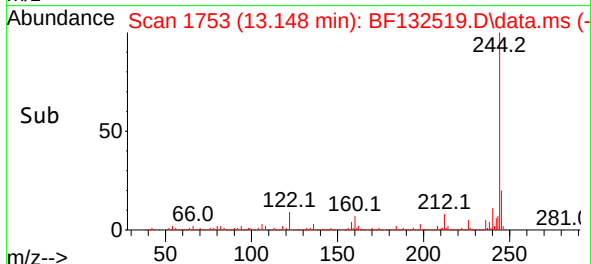
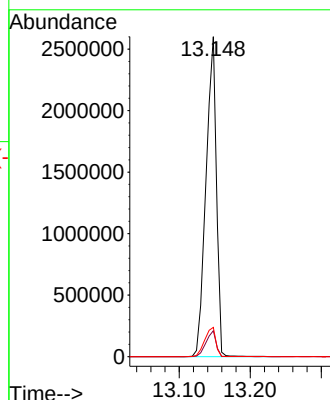
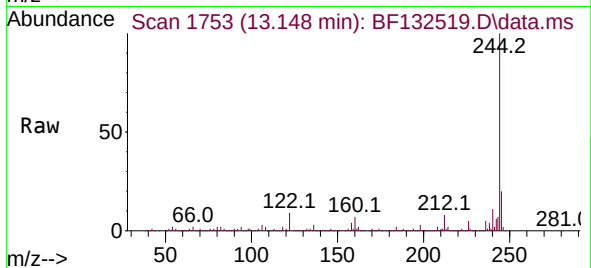
Tgt Ion:244 Resp: 2638905

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.1 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: BF132519.D

Acq: 23 Feb 2023 14:22

Tgt Ion:264 Resp: 488967

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.9 17.1 25.7

