

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
 Data File : BP014793.D  
 Acq On : 21 Apr 2023 16:55  
 Operator : CG/JU  
 Sample : 02296-21DL 10X  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCBN2DL

Quant Time: Apr 21 23:23:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 20 02:32:50 2023  
 Response via : Initial Calibration

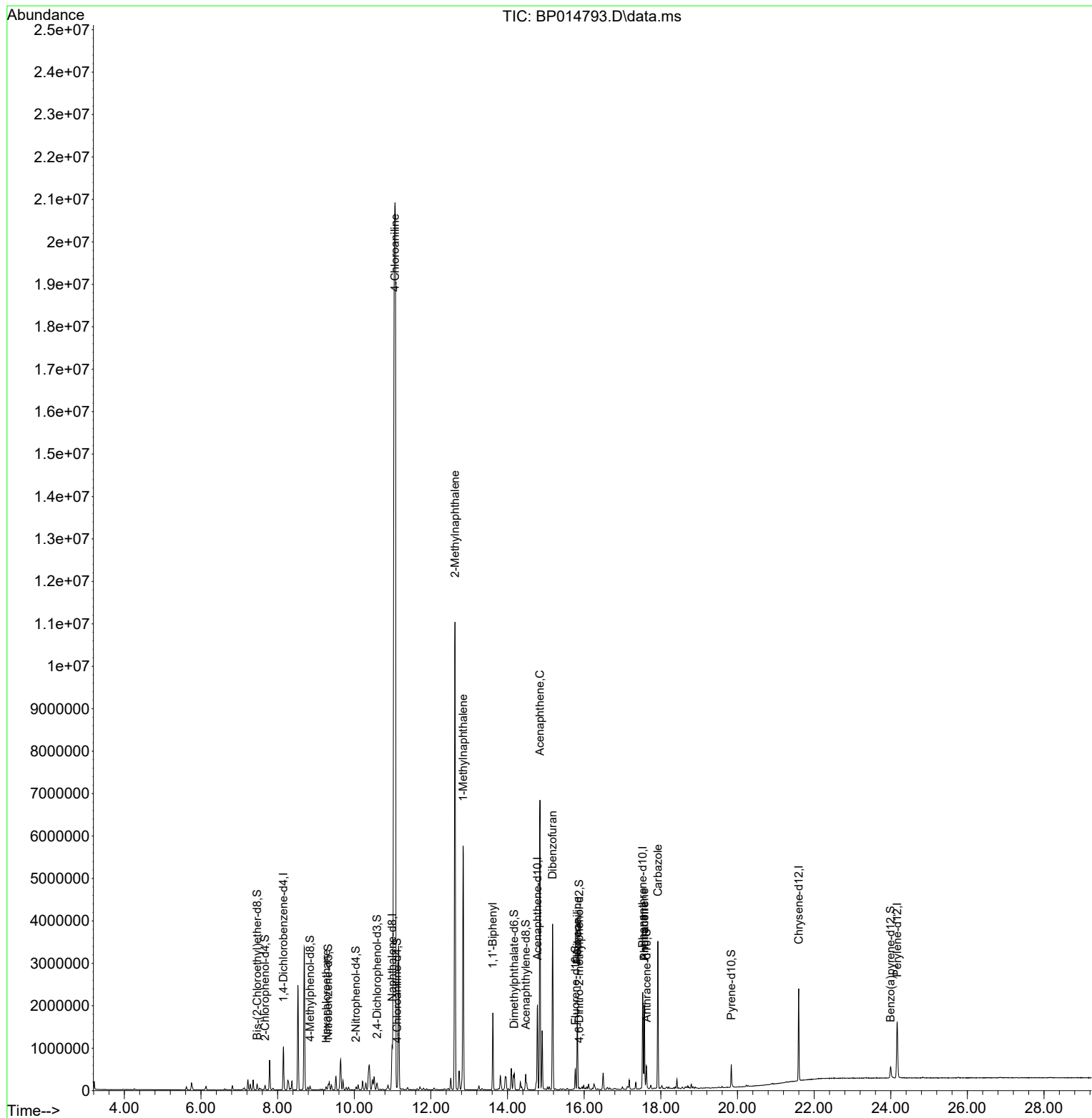
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.152  | 152  | 275829   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.987 | 136  | 1134798  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.781 | 164  | 667786   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.528 | 188  | 1343255  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.598 | 240  | 996280   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.168 | 264  | 1067979  | 20.000  | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.487  | 96   | 1949     | 0.281   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.911  | 84   | 188      | 0.010   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.287  | 99   | 17107    | 0.717   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.463  | 67   | 59544    | 4.047   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.675  | 132  | 48142    | 2.718   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.846  | 113  | 33173    | 1.784   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.322  | 128  | 30756    | 4.325   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.046 | 143  | 22104    | 3.442   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.593 | 165  | 52539    | 3.013   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.116 | 131  | 37346    | 1.403   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.175 | 166  | 214300   | 4.053   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.475 | 160  | 223334   | 3.645   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.939 | 143  | 3268     | 0.389   | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.769 | 176  | 180600   | 3.981   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200  | 10637    | 1.957   | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.628 | 188  | 269874   | 4.159   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.839 | 212  | 267366   | 4.685   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.998 | 264  | 206210   | 3.725   | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 19) Hexachloroethane          | 9.269  | 117  | 10071    | 1.291   | ng/ul# | 7        |
| 32) 4-Chloroaniline           | 11.063 | 127  | 4992083  | 185.138 | ng/ul# | 12       |
| 36) 2-Methylnaphthalene       | 12.628 | 142  | 5459628  | 128.589 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.840 | 142  | 2699999  | 64.145  | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.616 | 154  | 899879   | 16.618  | ng/ul  | 98       |
| 52) Acenaphthene              | 14.845 | 153  | 2749976  | 60.730  | ng/ul  | 99       |
| 56) Dibenzofuran              | 15.175 | 168  | 2271016  | 35.634  | ng/ul  | 98       |
| 61) Fluorene                  | 15.822 | 166  | 838258   | 16.113  | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.822 | 138  | 9401     | 1.138   | ng/ul# | 21       |
| 72) Phenanthrene              | 17.569 | 178  | 1074979  | 14.200  | ng/ul  | 100      |
| 74) Anthracene                | 17.569 | 178  | 1074979  | 14.006  | ng/ul  | 99       |
| 77) Carbazole                 | 17.922 | 167  | 2088327  | 30.995  | ng/ul  | 100      |

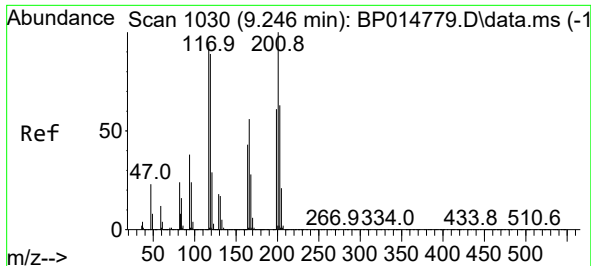
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042023\  
Data File : BP014793.D  
Acq On : 21 Apr 2023 16:55  
Operator : CG/JU  
Sample : 02296-21DL 10X  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCBN2DL

Quant Time: Apr 21 23:23:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 20 02:32:50 2023  
Response via : Initial Calibration





#19

Hexachloroethane

Concen: 1.291 ng/ul

RT: 9.269 min Scan# 1034

Delta R.T. 0.018 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA\_P

ClientSampleId :

DCBN2DL

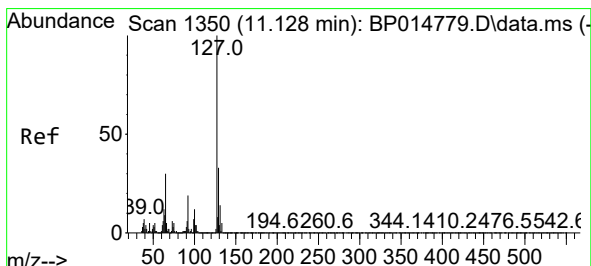
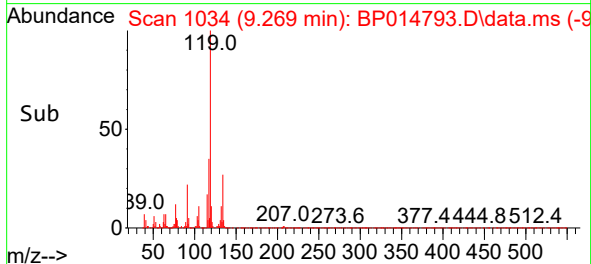
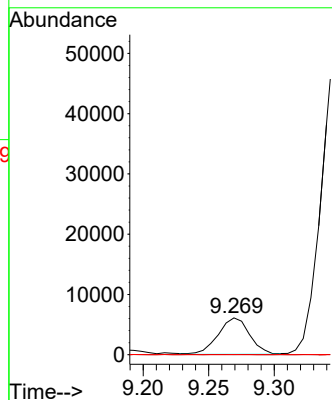
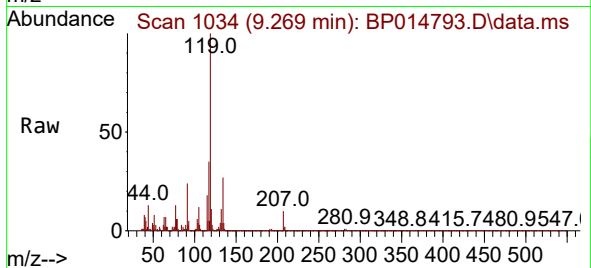
Tgt Ion:117 Resp: 10071

Ion Ratio Lower Upper

117 100

201 0.1 81.0 121.4#

199 0.4 51.5 77.3#



#32

4-Chloroaniline

Concen: 185.138 ng/ul

RT: 11.063 min Scan# 1339

Delta R.T. -0.071 min

Lab File: BP014793.D

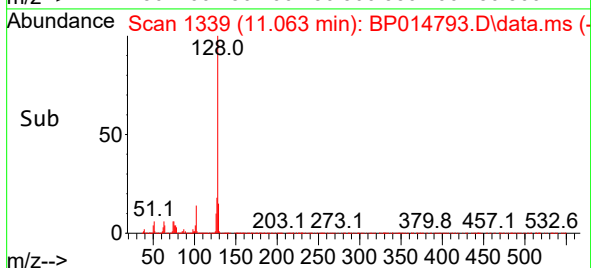
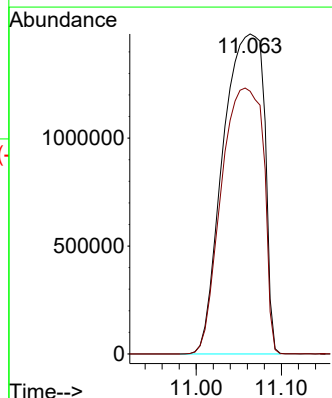
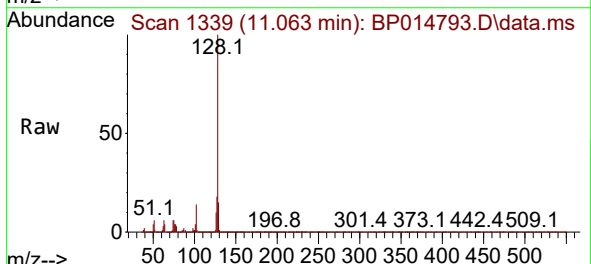
Acq: 21 Apr 2023 16:55

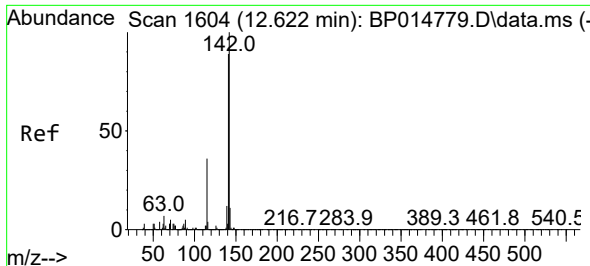
Tgt Ion:127 Resp: 4992083

Ion Ratio Lower Upper

127 100

129 82.1 26.0 39.0#

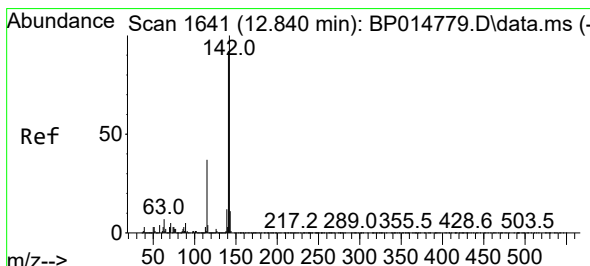
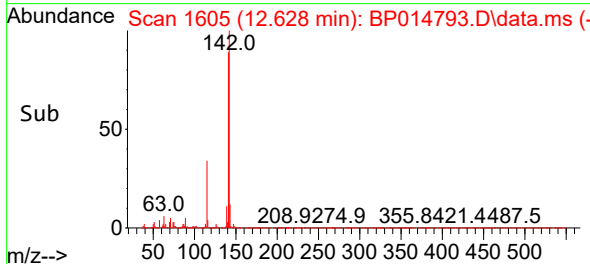
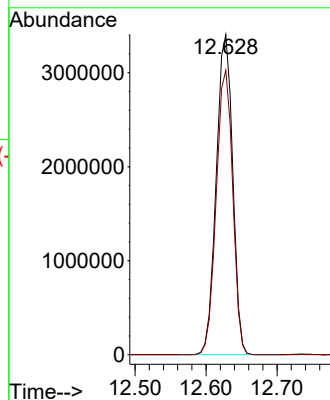
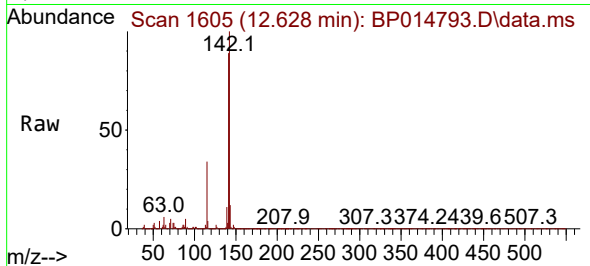




#36  
2-Methylnaphthalene  
Concen: 128.589 ng/ul  
RT: 12.628 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

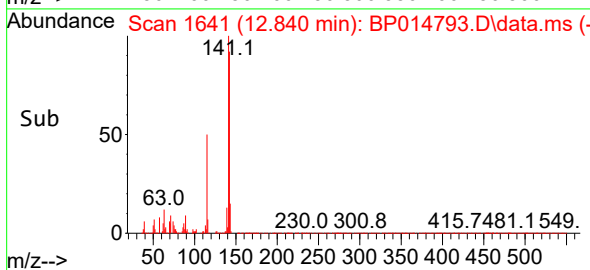
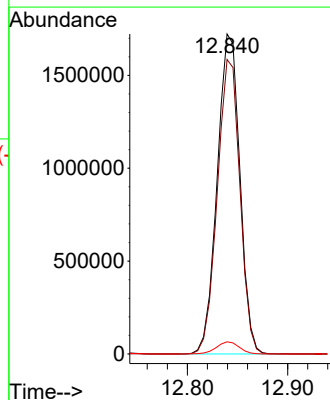
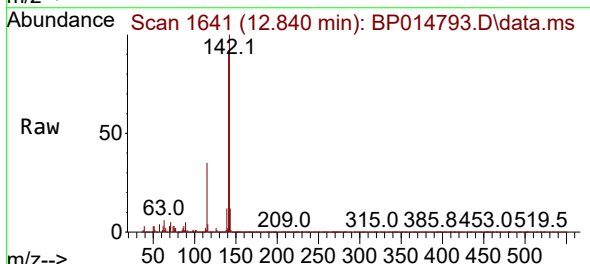
Instrument :  
BNA\_P  
ClientSampleId :  
DCBN2DL

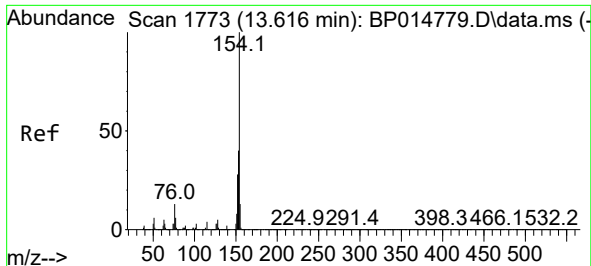
Tgt Ion:142 Resp: 5459628  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.9 106.3



#37  
1-Methylnaphthalene  
Concen: 64.145 ng/ul  
RT: 12.840 min Scan# 1641  
Delta R.T. -0.000 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

Tgt Ion:142 Resp: 2699999  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.8 110.6  
116 3.8 3.3 4.9

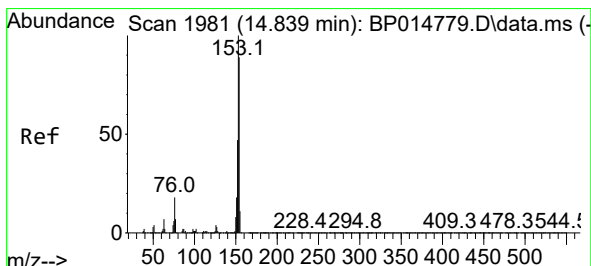
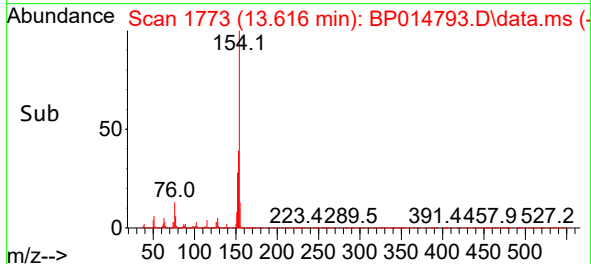
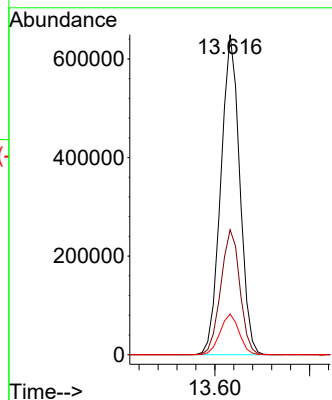
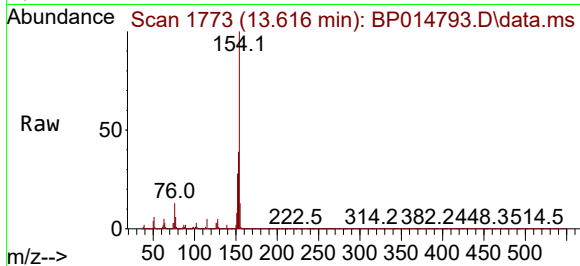




#43  
1,1'-Biphenyl  
Concen: 16.618 ng/ul  
RT: 13.616 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

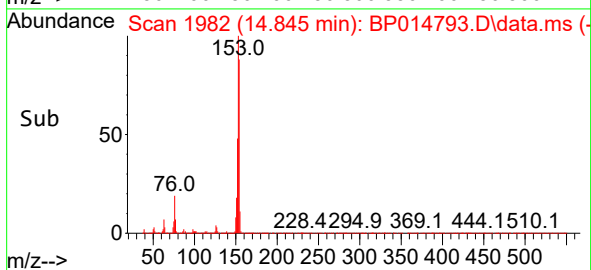
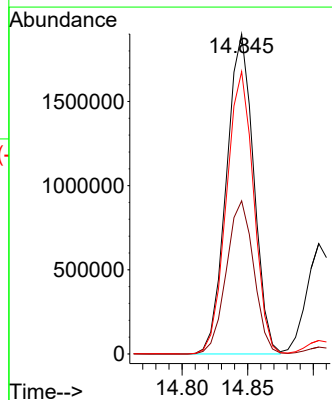
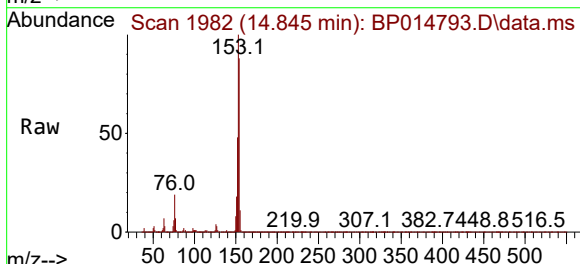
Instrument :  
BNA\_P  
ClientSampleId :  
DCBN2DL

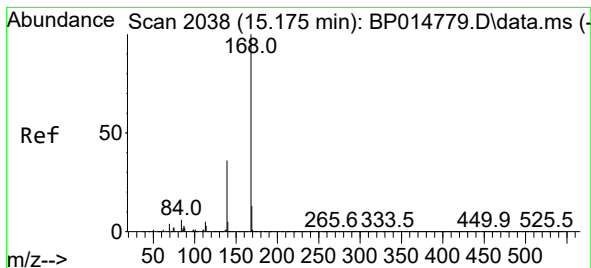
Tgt Ion:154 Resp: 899879  
Ion Ratio Lower Upper  
154 100  
153 39.0 31.9 47.9  
76 12.7 10.8 16.2



#52  
Acenaphthene  
Concen: 60.730 ng/ul  
RT: 14.845 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

Tgt Ion:153 Resp: 2749976  
Ion Ratio Lower Upper  
153 100  
152 47.8 38.4 57.6  
154 88.3 69.8 104.8

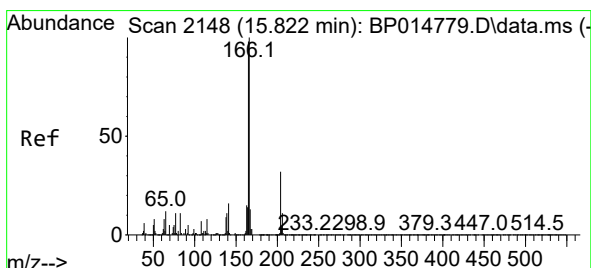
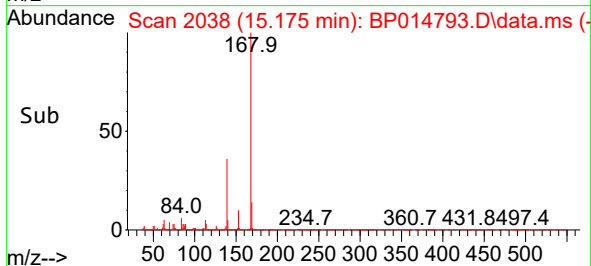
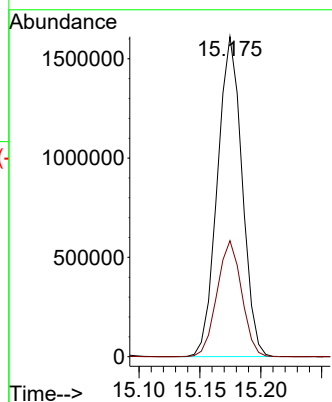
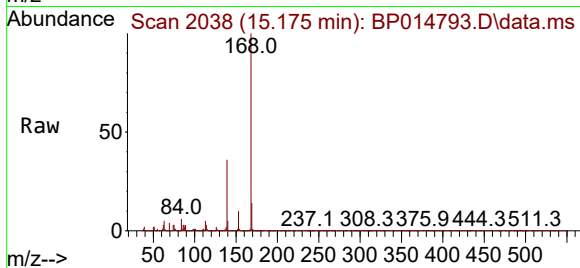




#56  
Dibenzenofuran  
Concen: 35.634 ng/ul  
RT: 15.175 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

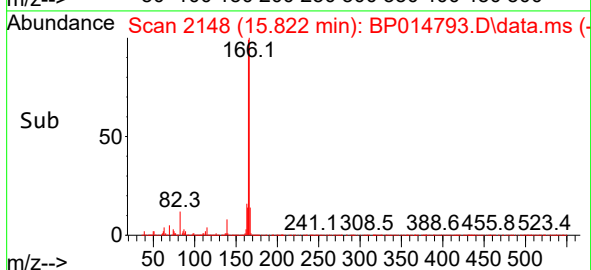
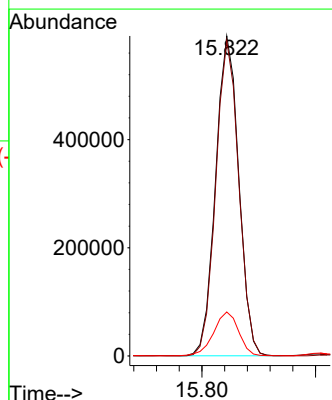
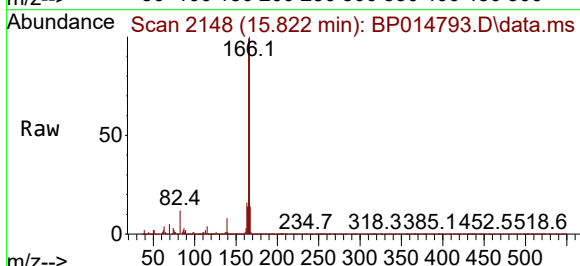
Instrument :  
BNA\_P  
ClientSampleId :  
DCBN2DL

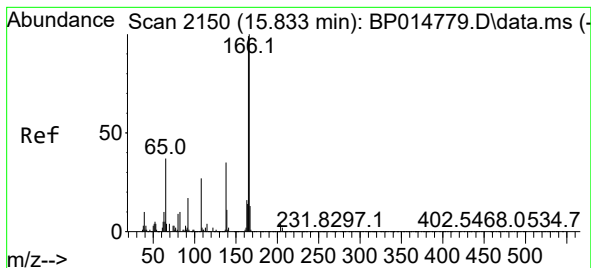
Tgt Ion:168 Resp: 2271016  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.8 44.8



#61  
Fluorene  
Concen: 16.113 ng/ul  
RT: 15.822 min Scan# 2148  
Delta R.T. -0.006 min  
Lab File: BP014793.D  
Acq: 21 Apr 2023 16:55

Tgt Ion:166 Resp: 838258  
Ion Ratio Lower Upper  
166 100  
165 98.6 78.6 117.8  
167 13.7 10.5 15.7





#63

4-Nitroaniline

Concen: 1.138 ng/ul

RT: 15.822 min Scan# 2150

Delta R.T. -0.012 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA\_P

ClientSampleId :

DCBN2DL

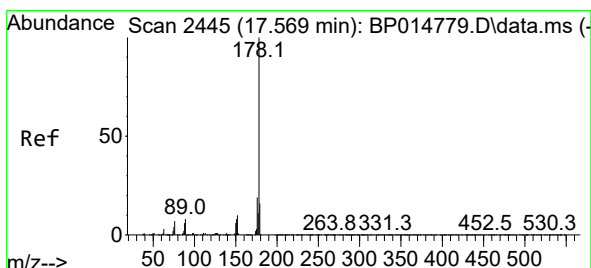
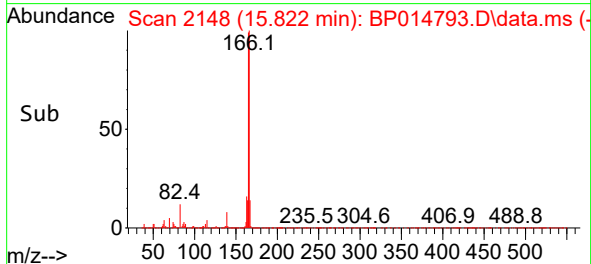
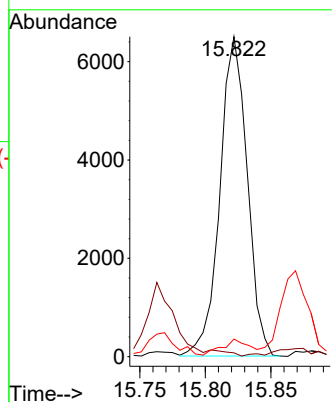
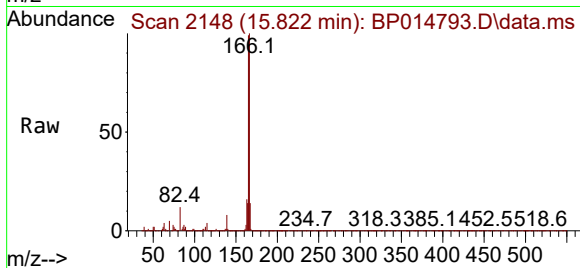
Tgt Ion:138 Resp: 9401

Ion Ratio Lower Upper

138 100

92 1.2 40.9 61.3#

108 5.5 63.8 95.6#



#72

Phenanthrene

Concen: 14.200 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

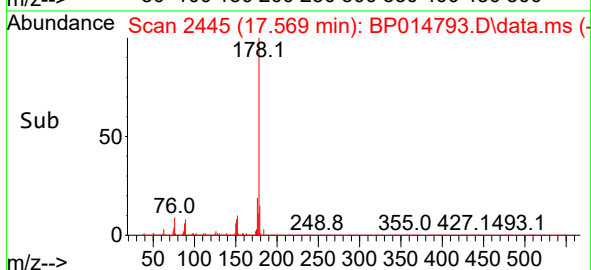
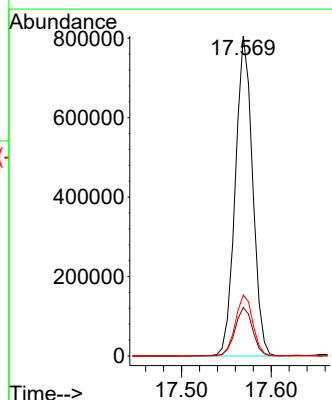
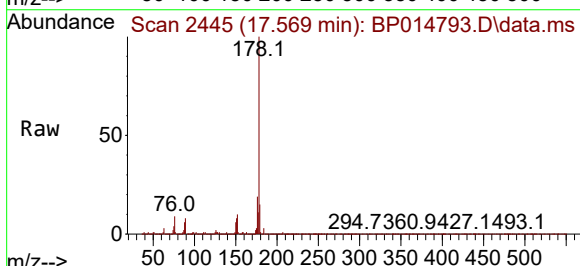
Tgt Ion:178 Resp: 1074979

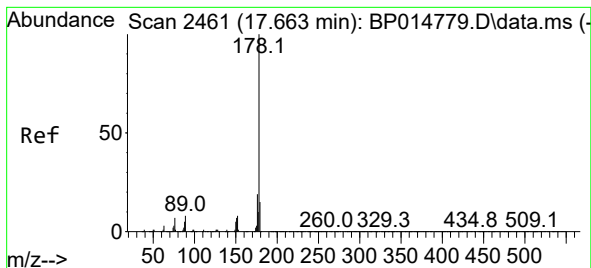
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.1 15.3 22.9





#74

Anthracene

Concen: 14.006 ng/ul

RT: 17.569 min Scan# 2461

Delta R.T. -0.100 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Instrument :

BNA\_P

ClientSampleId :

DCBN2DL

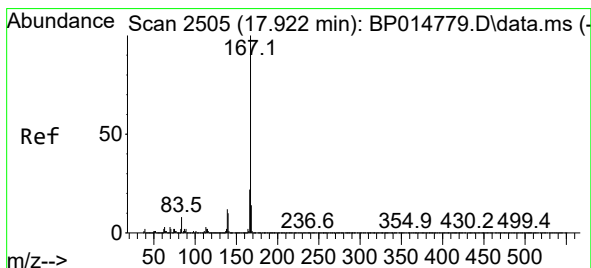
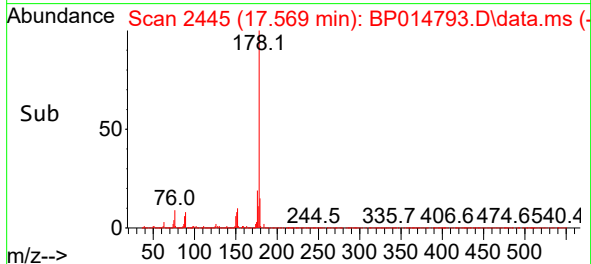
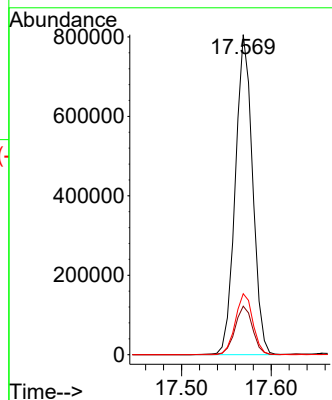
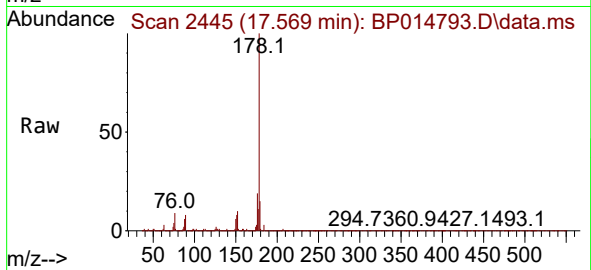
Tgt Ion:178 Resp: 1074979

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.1 15.1 22.7



#77

Carbazole

Concen: 30.995 ng/ul

RT: 17.922 min Scan# 2505

Delta R.T. -0.006 min

Lab File: BP014793.D

Acq: 21 Apr 2023 16:55

Tgt Ion:167 Resp: 2088327

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.0 10.2 15.2

