

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050522\  
 Data File : BF128114.D  
 Acq On : 06 May 2022 00:41  
 Operator : CG\JU  
 Sample : N2691-04 10X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHALLOW-WC-2

Quant Time: May 06 05:03:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

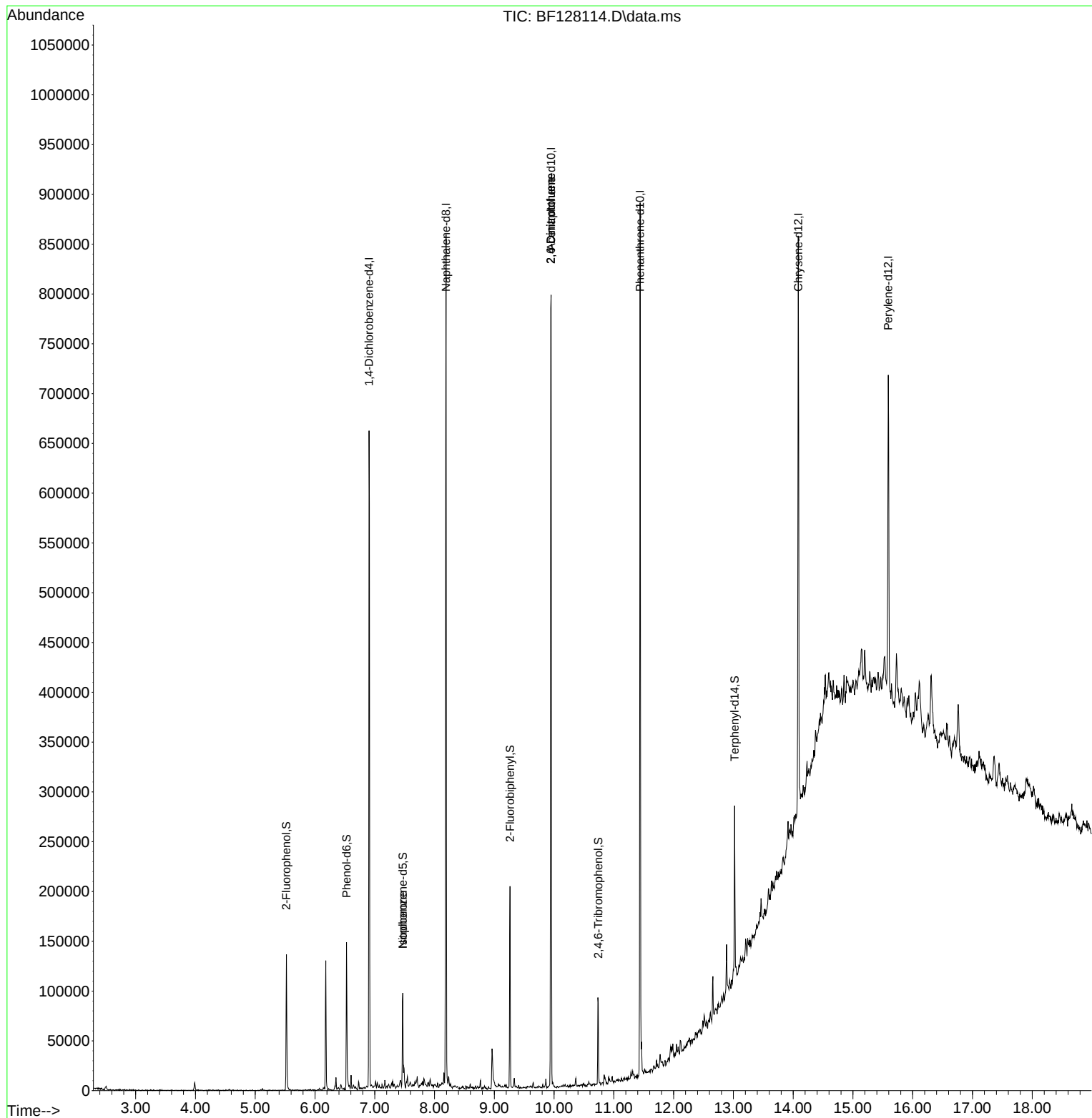
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 90120    | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8          | 8.192  | 136  | 329512   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10        | 9.951  | 164  | 171770   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10        | 11.439 | 188  | 288507   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12            | 14.086 | 240  | 190079   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12            | 15.592 | 264  | 135339   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 33660    | 5.949  | ng     | -0.01    |
| 7) Phenol-d6                | 6.528  | 99   | 44974    | 6.126  | ng     | -0.02    |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 30264    | 4.319  | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 10333    | 5.976  | ng     | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 55444    | 5.461  | ng     | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 52852    | 5.084  | ng     | -0.01    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 25) Isophorone              | 7.469  | 82   | 29463    | 2.498  | ng     | # 69     |
| 51) 2,6-Dinitrotoluene      | 9.945  | 165  | 21805    | 8.742  | ng     | # 22     |
| 57) 2,4-Dinitrotoluene      | 9.945  | 165  | 21805    | 6.600  | ng     | # 26     |
| -----                       |        |      |          |        |        |          |

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

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Sample : N2691-04 10X  
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SHALLOW-WC-2

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 05 17:56:23 2022  
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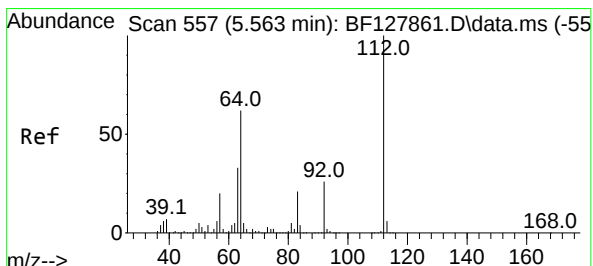
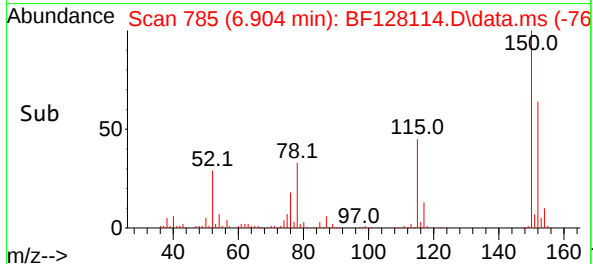
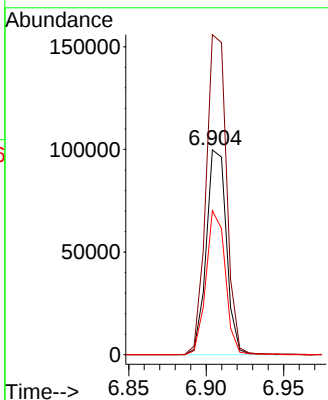
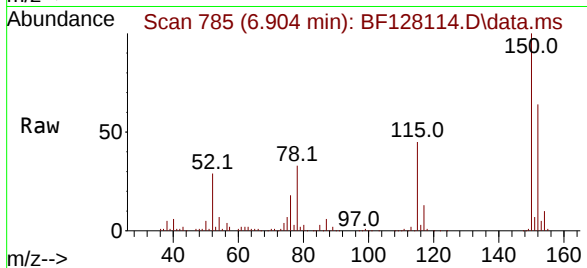




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF128114.D  
 Acq: 06 May 2022 00:41

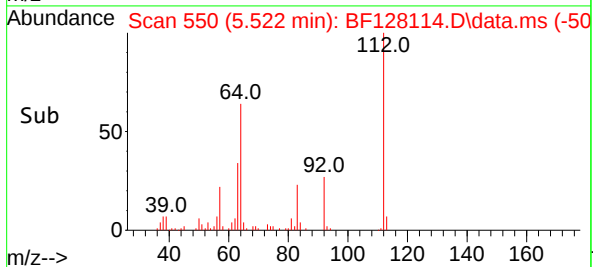
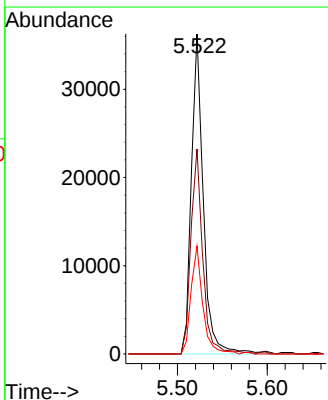
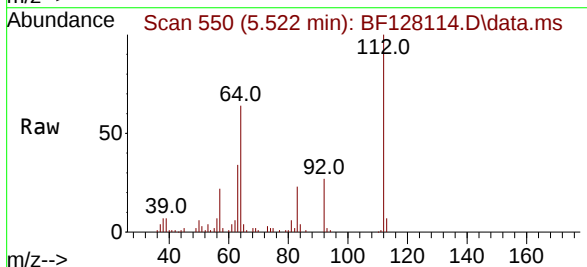
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHALLOW-WC-2

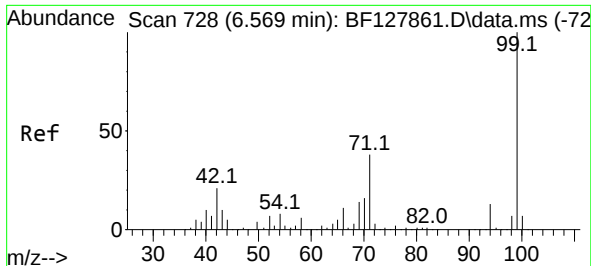
Tgt Ion:152 Resp: 90120  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 125.3 187.9  
 115 70.4 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 5.949 ng  
 RT: 5.522 min Scan# 550  
 Delta R.T. -0.012 min  
 Lab File: BF128114.D  
 Acq: 06 May 2022 00:41

Tgt Ion:112 Resp: 33660  
 Ion Ratio Lower Upper  
 112 100  
 64 64.0 49.5 74.3  
 63 33.7 26.3 39.5

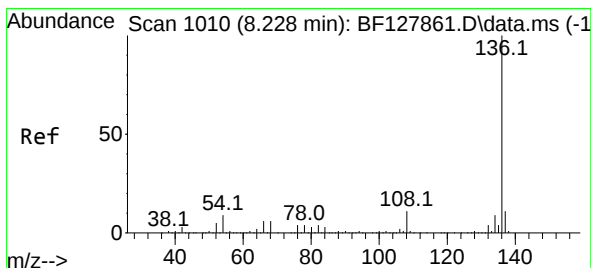
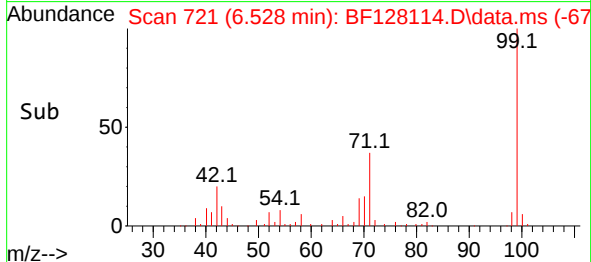
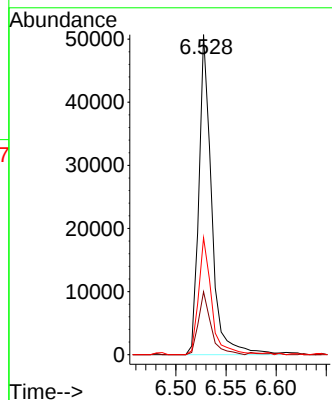
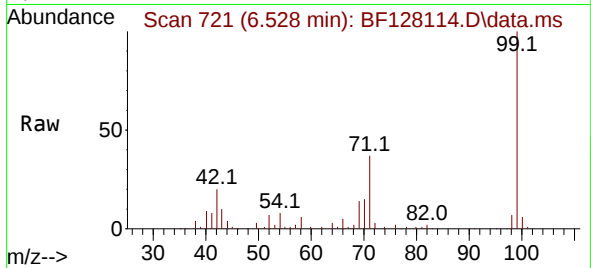




#7  
Phenol-d6  
Concen: 6.126 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

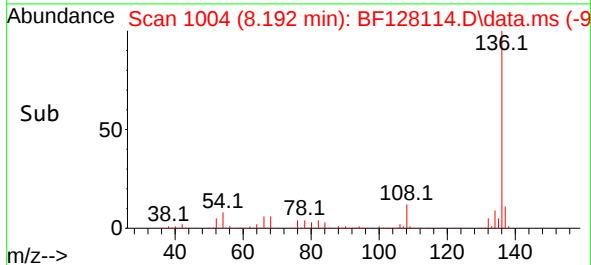
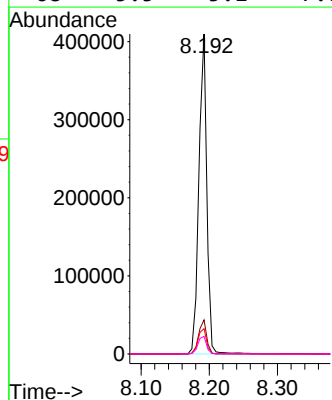
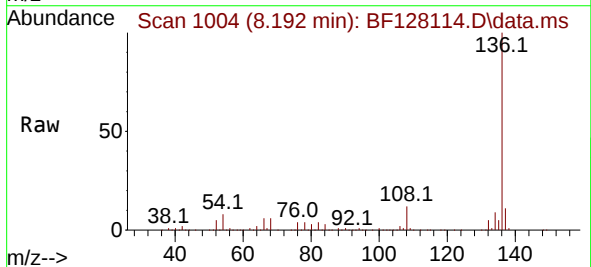
Instrument :  
BNA\_F  
ClientSampleId :  
SHALLOW-WC-2

Tgt Ion: 99 Resp: 44974  
Ion Ratio Lower Upper  
99 100  
42 19.7 16.6 24.8  
71 36.5 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

Tgt Ion: 136 Resp: 329512  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.9 6.8 10.2  
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 4.319 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

Instrument :

BNA\_F

ClientSampleId :

SHALLOW-WC-2

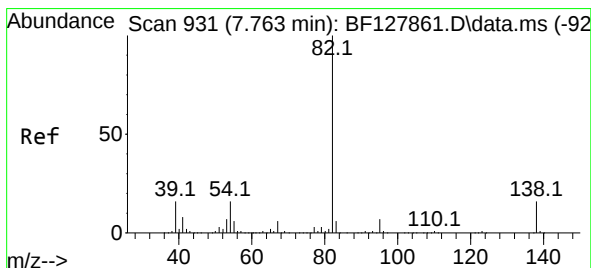
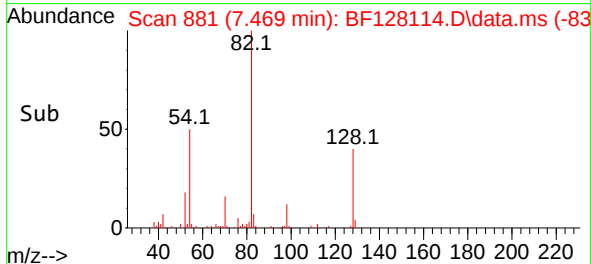
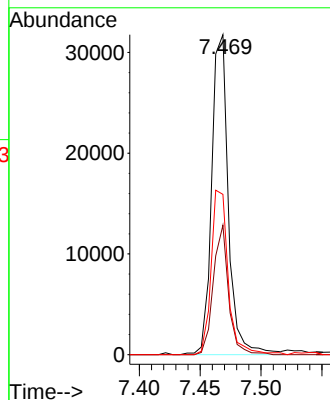
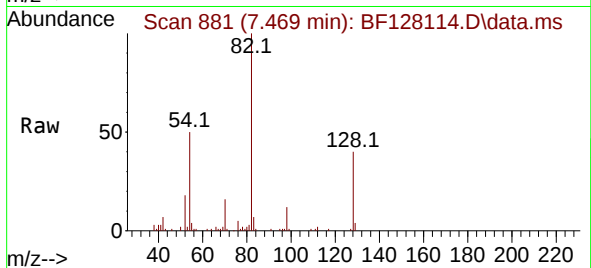
Tgt Ion: 82 Resp: 30264

Ion Ratio Lower Upper

82 100

128 40.5 30.0 45.0

54 50.1 41.3 61.9



#25

Isophorone

Concen: 2.498 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.271 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

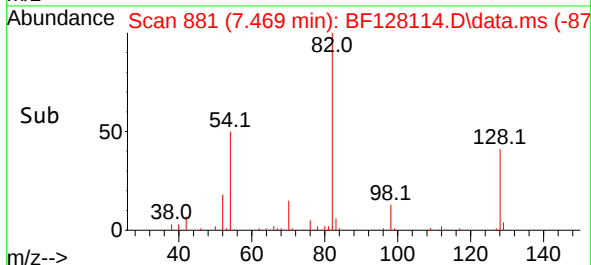
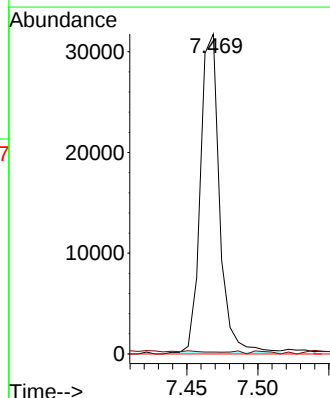
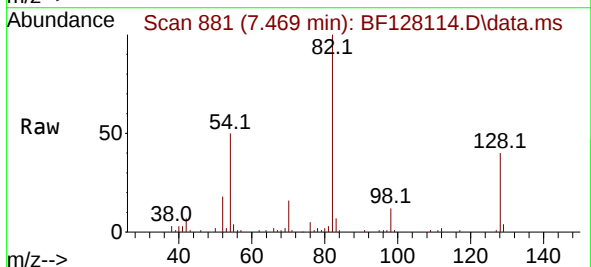
Tgt Ion: 82 Resp: 29463

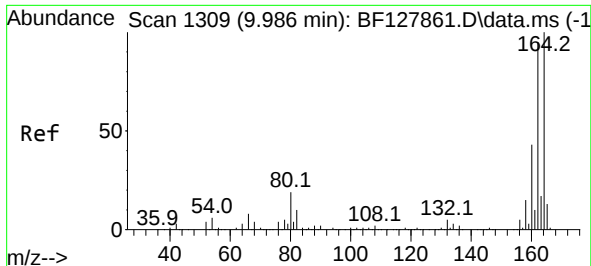
Ion Ratio Lower Upper

82 100

95 0.6 5.6 8.4#

138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

Instrument :

BNA\_F

ClientSampleId :

SHALLOW-WC-2

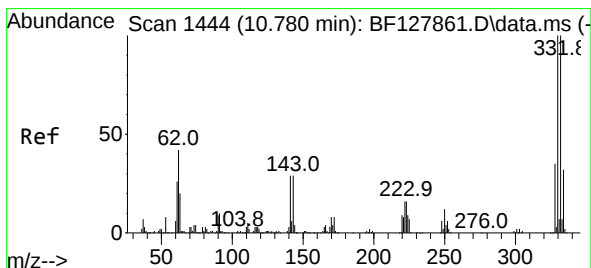
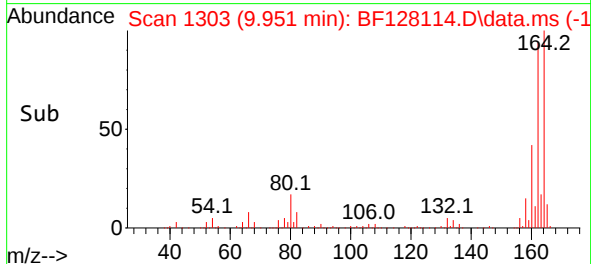
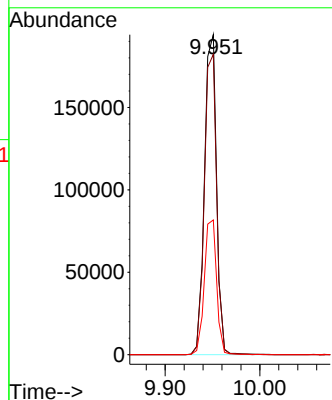
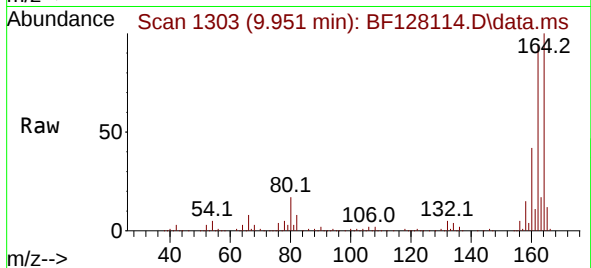
Tgt Ion:164 Resp: 171770

Ion Ratio Lower Upper

164 100

162 93.9 76.0 114.0

160 42.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 5.976 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

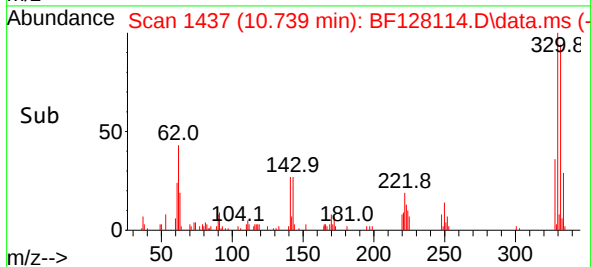
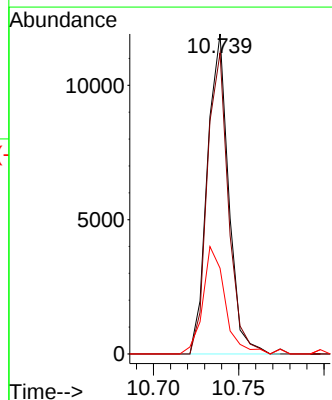
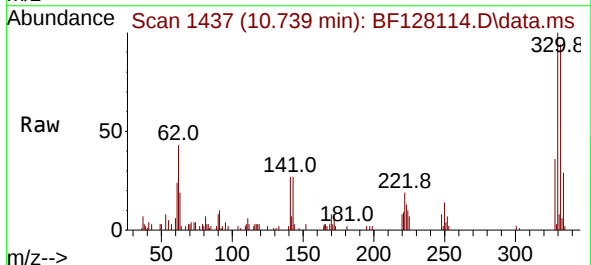
Tgt Ion:330 Resp: 10333

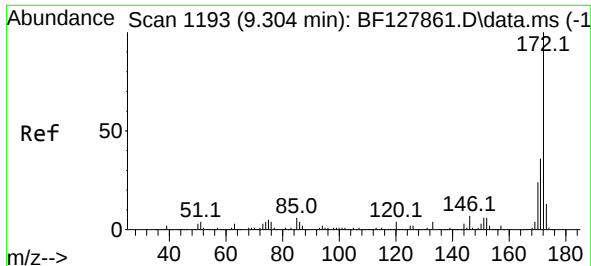
Ion Ratio Lower Upper

330 100

332 94.4 79.0 118.4

141 35.4 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 5.461 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

Instrument :

BNA\_F

ClientSampleId :

SHALLOW-WC-2

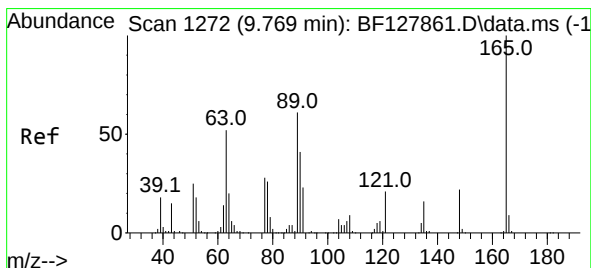
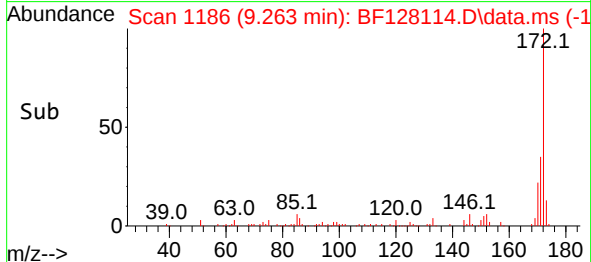
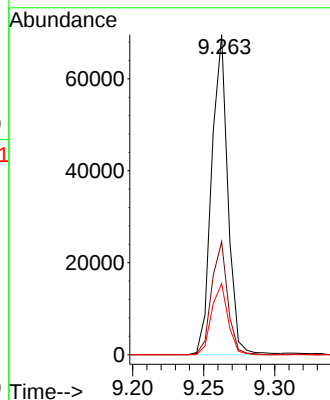
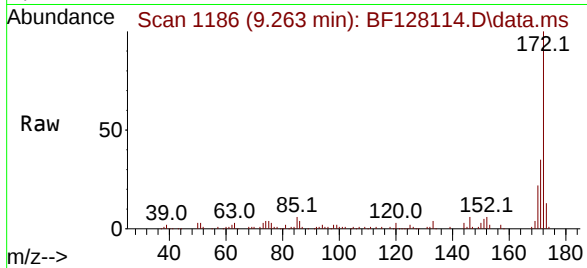
Tgt Ion:172 Resp: 55444

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 22.2 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.742 ng

RT: 9.945 min Scan# 1302

Delta R.T. 0.206 min

Lab File: BF128114.D

Acq: 06 May 2022 00:41

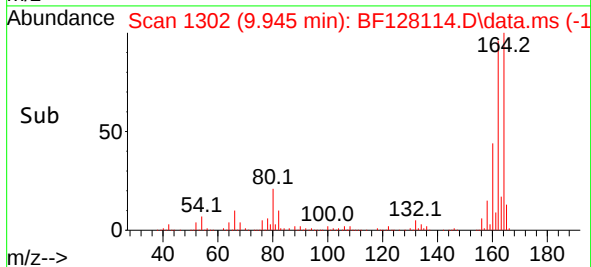
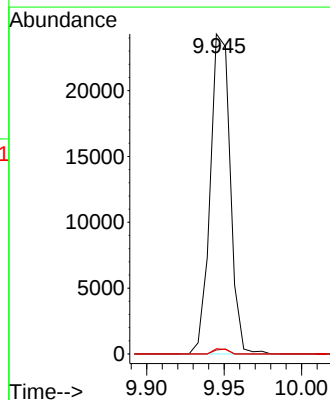
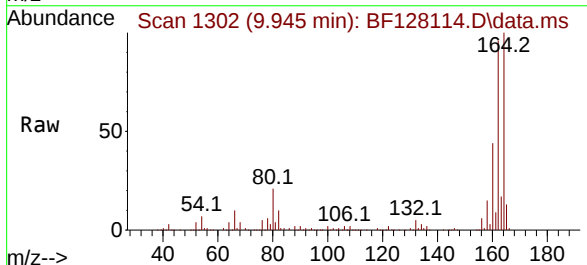
Tgt Ion:165 Resp: 21805

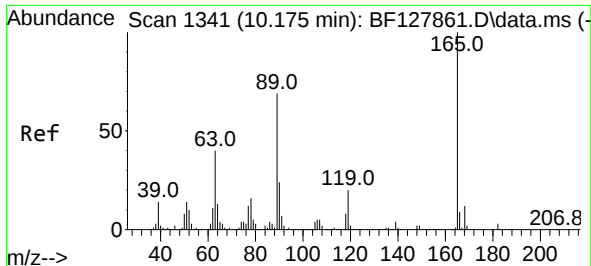
Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.6 49.0 73.4#

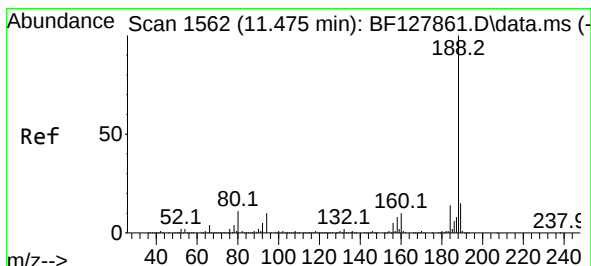
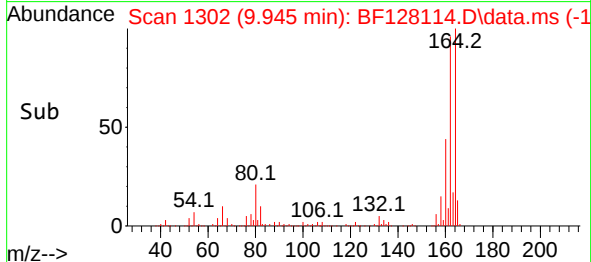
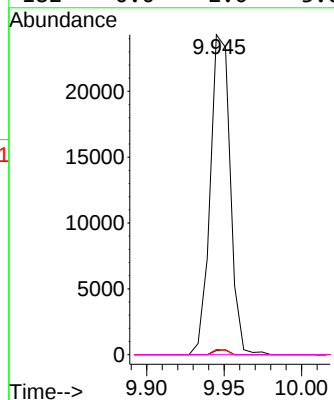
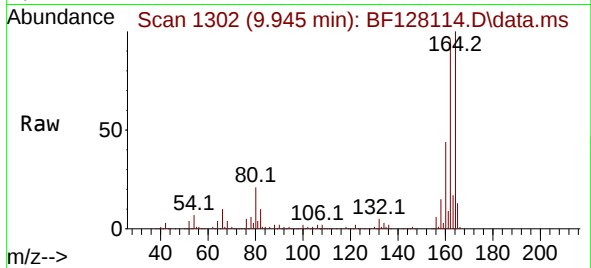




#57  
2,4-Dinitrotoluene  
Concen: 6.600 ng  
RT: 9.945 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

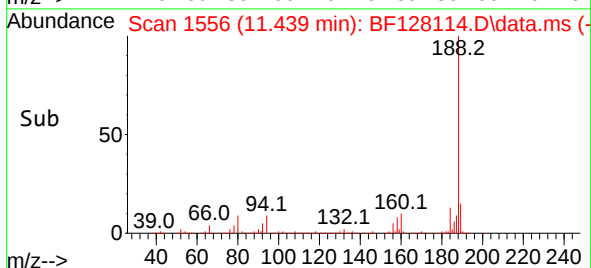
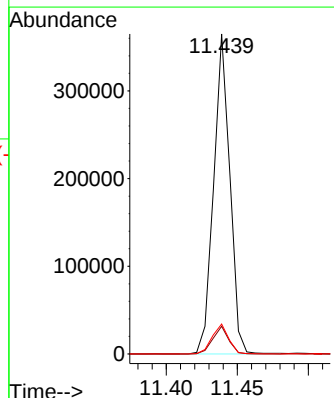
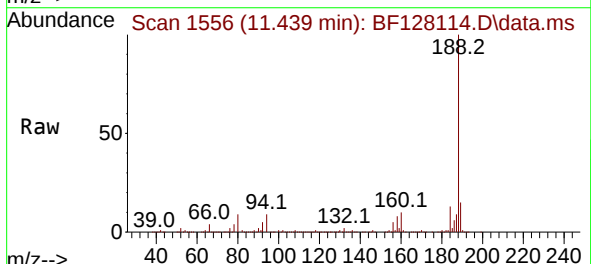
Instrument :  
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SHALLOW-WC-2

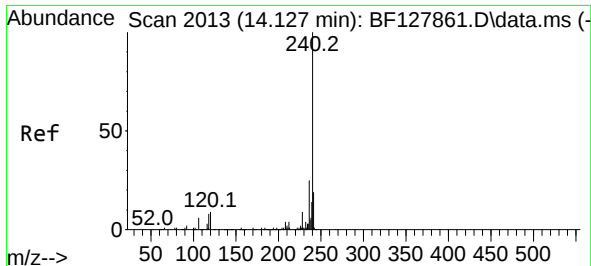
Tgt Ion:165 Resp: 21805  
Ion Ratio Lower Upper  
165 100  
63 1.3 32.6 49.0#  
89 1.6 55.2 82.8#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

Tgt Ion:188 Resp: 288507  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 9.4 8.9 13.3

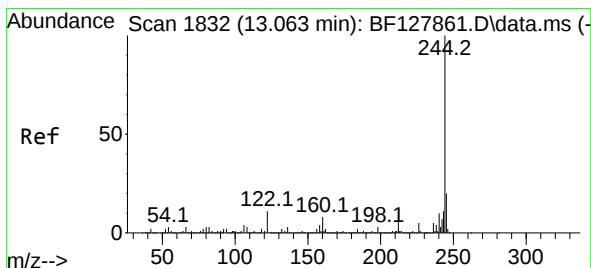
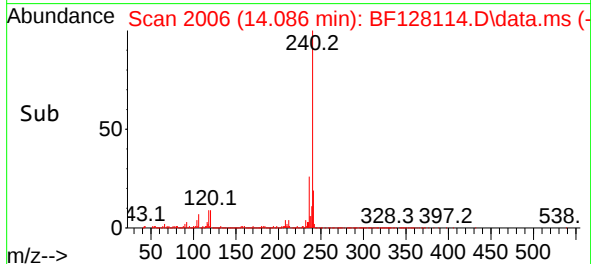
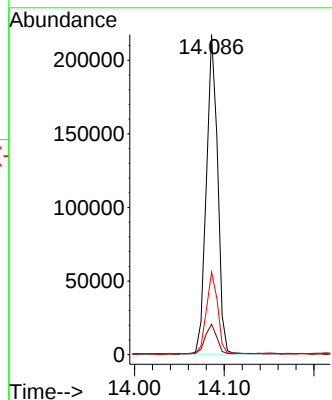
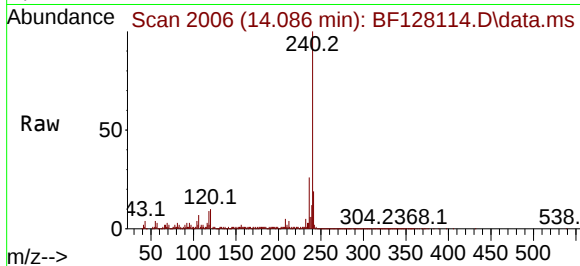




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

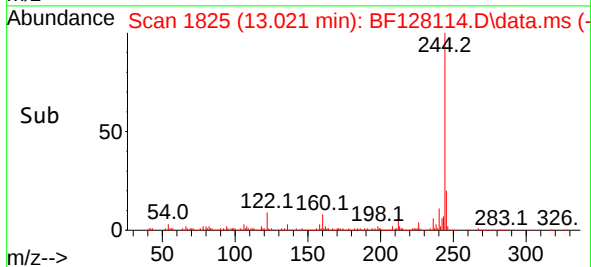
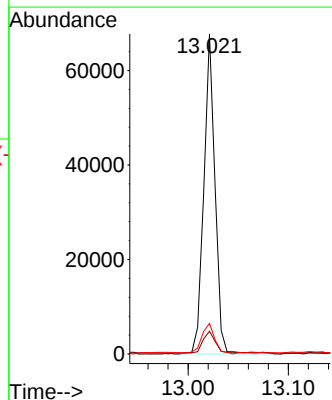
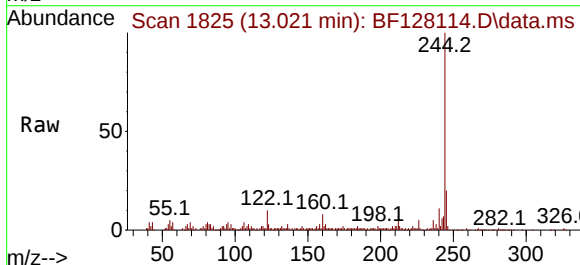
Instrument :  
BNA\_F  
ClientSampleId :  
SHALLOW-WC-2

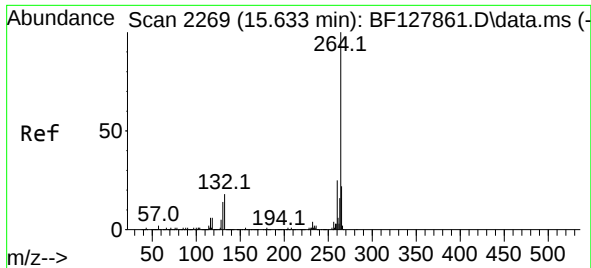
Tgt Ion:240 Resp: 190079  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.6  
236 25.8 20.3 30.5



#79  
Terphenyl-d14  
Concen: 5.084 ng  
RT: 13.021 min Scan# 1825  
Delta R.T. -0.012 min  
Lab File: BF128114.D  
Acq: 06 May 2022 00:41

Tgt Ion:244 Resp: 52852  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.2 9.4  
122 9.5 8.6 12.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.592 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF128114.D  
 Acq: 06 May 2022 00:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SHALLOW-WC-2

Tgt Ion:264 Resp: 135339  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 20.1 30.1  
 265 21.3 17.5 26.3

