

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061722\  
 Data File : BF128849.D  
 Acq On : 17 Jun 2022 12:18  
 Operator : CG\JU  
 Sample : PB145561BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145561BL

Quant Time: Jun 18 05:05:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 14 14:53:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 98100    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 369743   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 224765   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 425841   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.957 | 240  | 349950   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.415 | 264  | 321257   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 767723   | 124.654 | ng    | 0.01     |
| 7) Phenol-d6                | 6.445  | 99   | 945362   | 125.748 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 650424   | 81.902  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 311027   | 117.116 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1317239  | 82.094  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.910 | 244  | 1695963  | 84.211  | ng    | 0.00     |

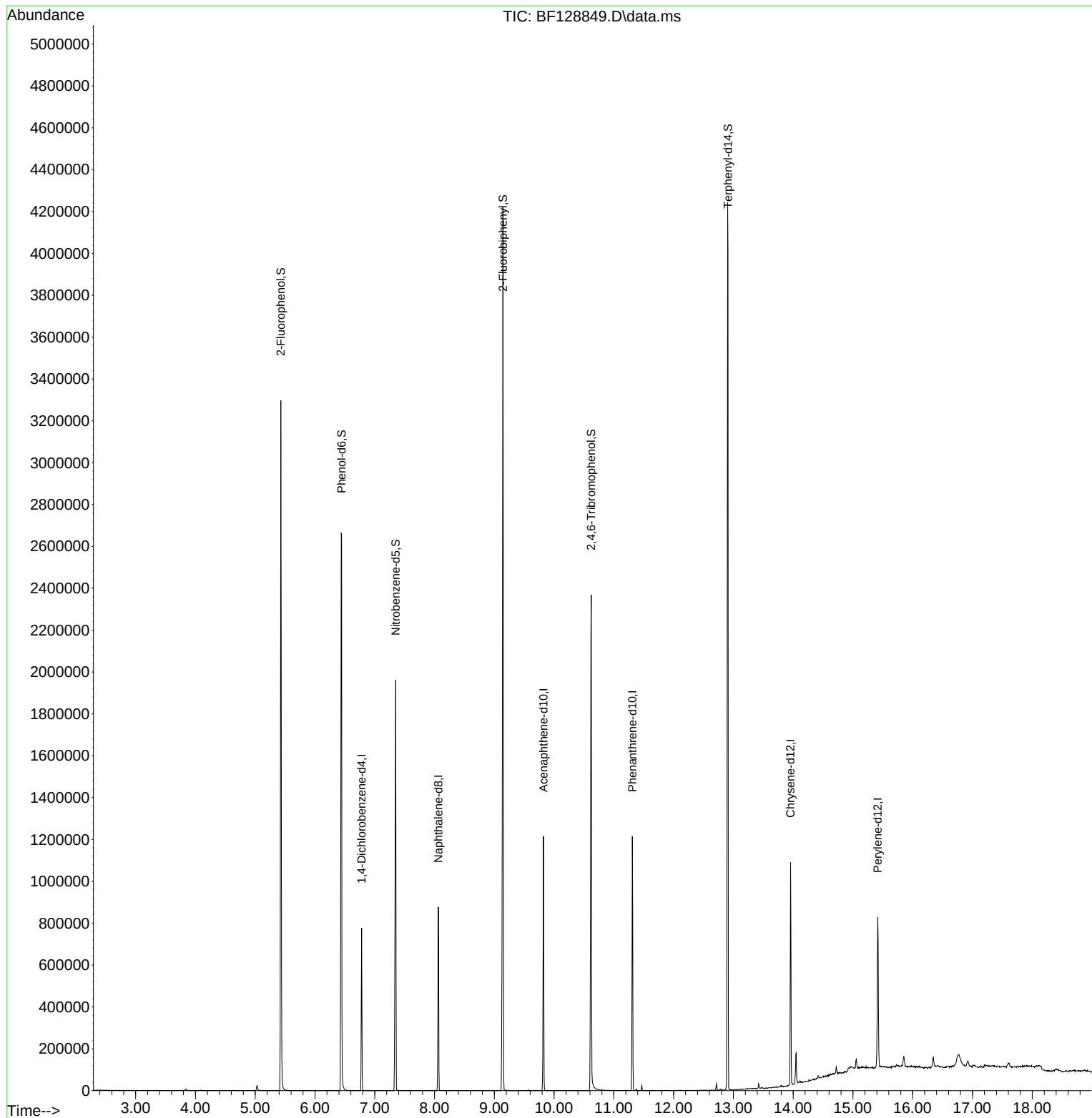
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

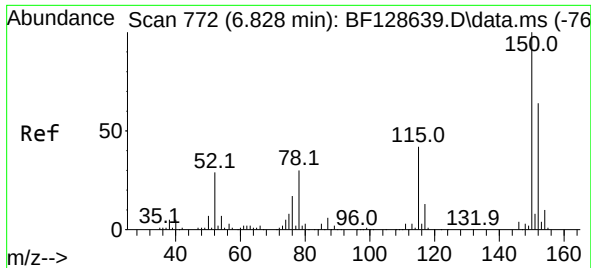
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 14 14:53:53 2022  
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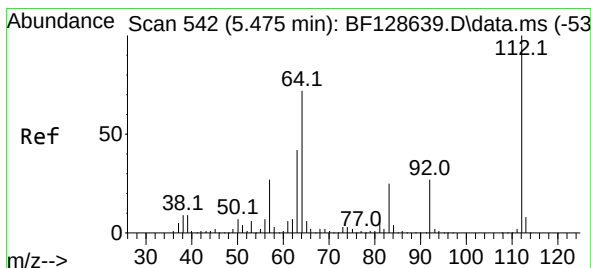
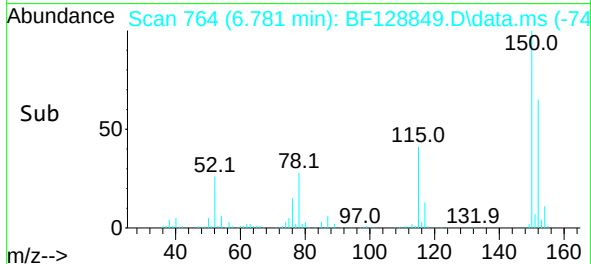
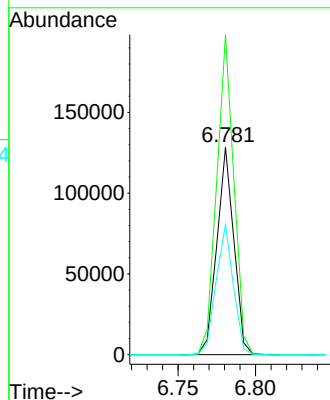
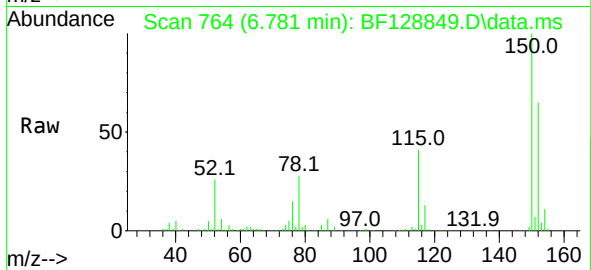




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF128849.D  
Acq: 17 Jun 2022 12:18

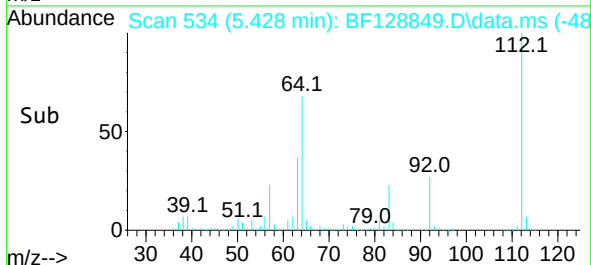
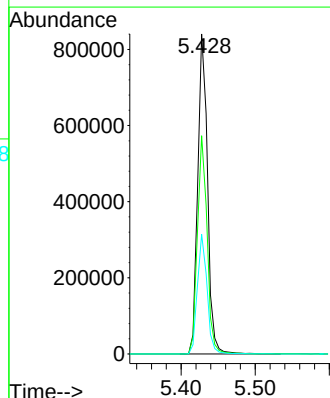
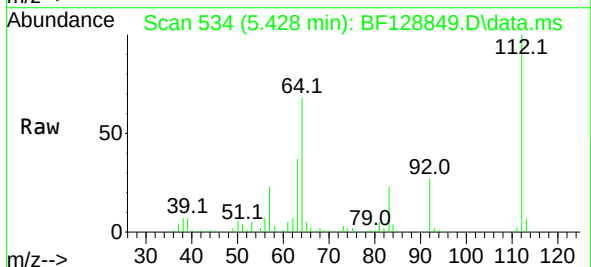
Instrument :  
BNA\_F  
ClientSampleId :  
PB145561BL

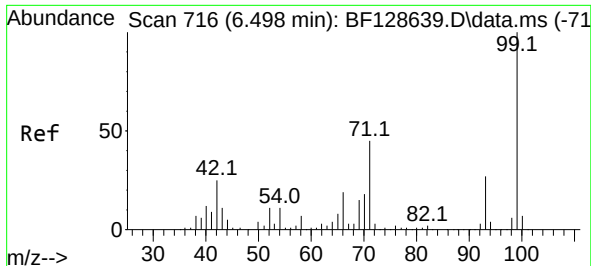
Tgt Ion:152 Resp: 98100  
Ion Ratio Lower Upper  
152 100  
150 154.1 123.7 185.5  
115 62.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 124.654 ng  
RT: 5.428 min Scan# 534  
Delta R.T. 0.012 min  
Lab File: BF128849.D  
Acq: 17 Jun 2022 12:18

Tgt Ion:112 Resp: 767723  
Ion Ratio Lower Upper  
112 100  
64 68.2 53.3 79.9  
63 37.4 28.0 42.0





#7

Phenol-d6

Concen: 125.748 ng

RT: 6.445 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF128849.D

Acq: 17 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145561BL

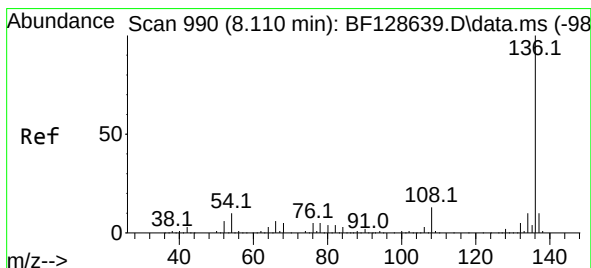
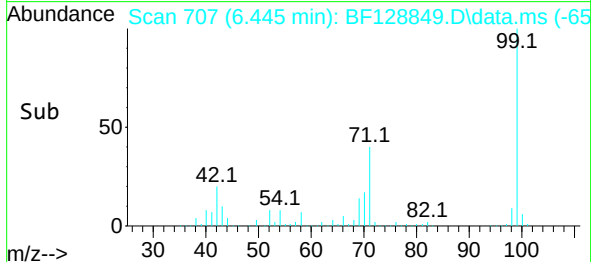
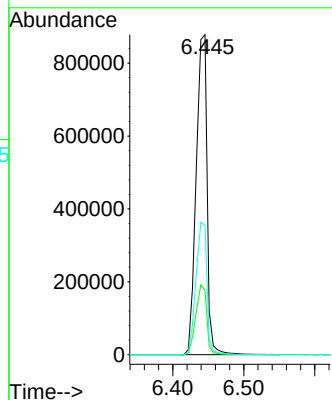
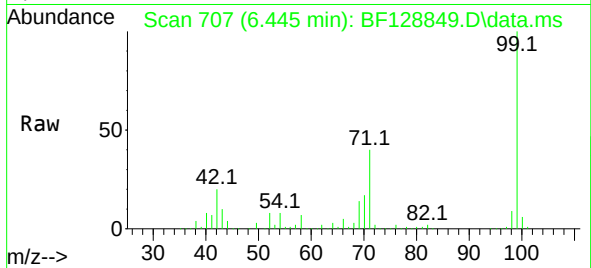
Tgt Ion: 99 Resp: 945362

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

71 40.4 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF128849.D

Acq: 17 Jun 2022 12:18

Tgt Ion: 136 Resp: 369743

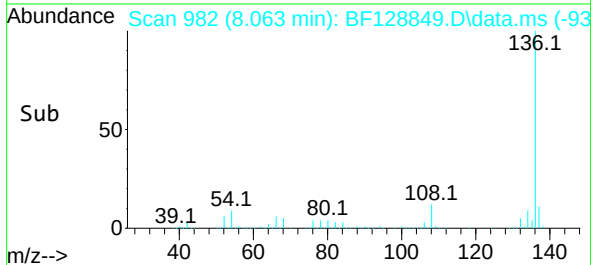
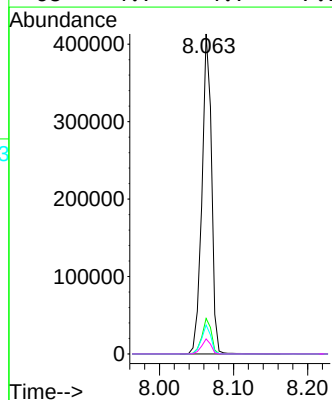
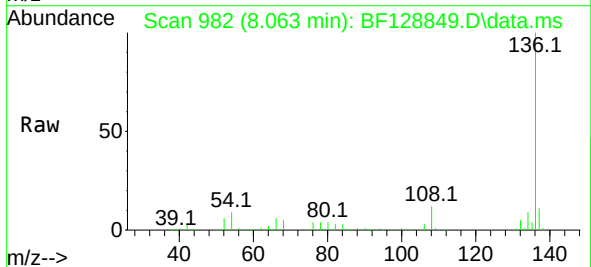
Ion Ratio Lower Upper

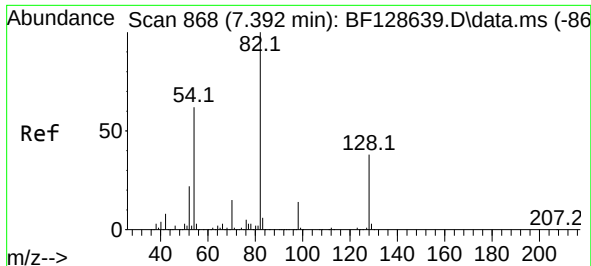
136 100

137 11.1 8.8 13.2

54 9.0 7.5 11.3

68 4.7 4.7 7.1#

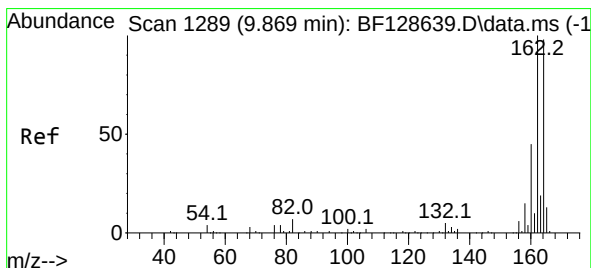
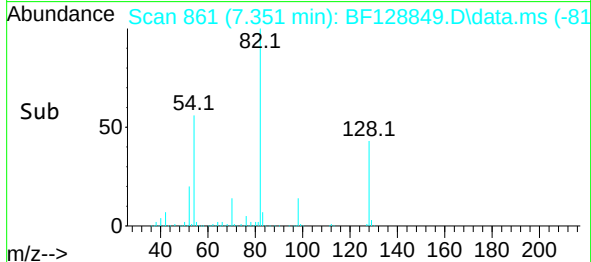
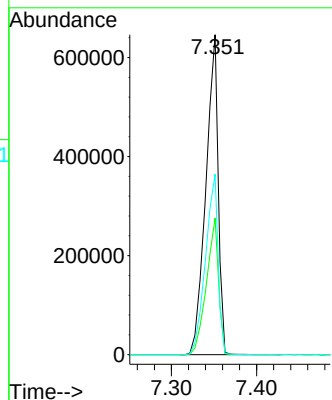
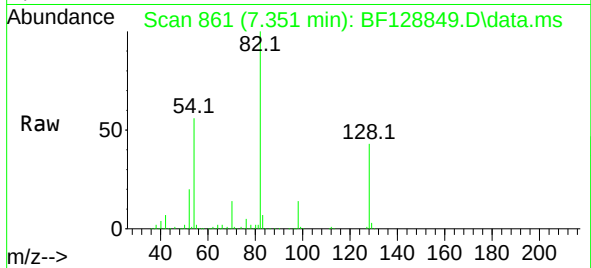




#23  
Nitrobenzene-d5  
Concen: 81.902 ng  
RT: 7.351 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF128849.D  
Acq: 17 Jun 2022 12:18

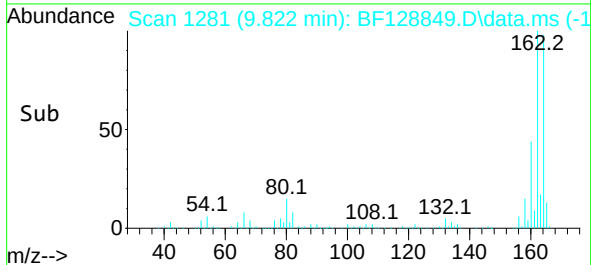
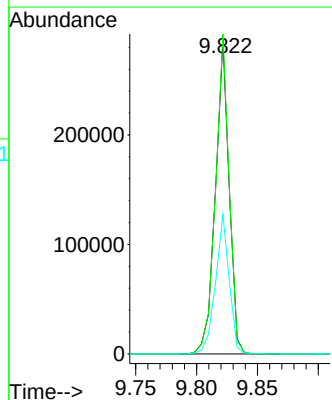
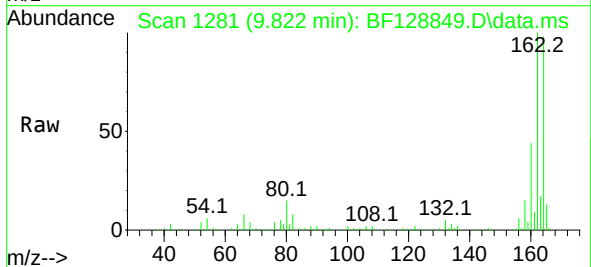
Instrument :  
BNA\_F  
ClientSampleId :  
PB145561BL

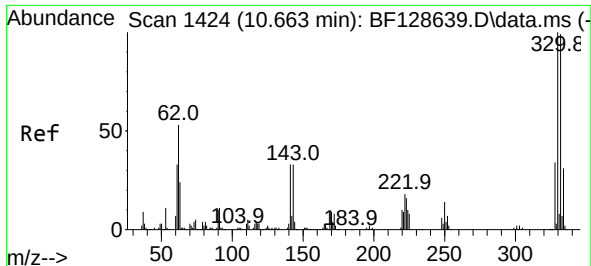
Tgt Ion: 82 Resp: 650424  
Ion Ratio Lower Upper  
82 100  
128 42.7 34.0 51.0  
54 56.4 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BF128849.D  
Acq: 17 Jun 2022 12:18

Tgt Ion: 164 Resp: 224765  
Ion Ratio Lower Upper  
164 100  
162 101.9 79.5 119.3  
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.116 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF128849.D

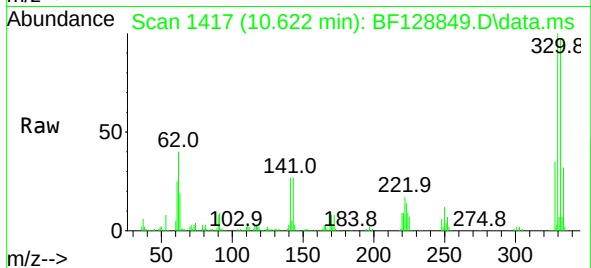
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Instrument :

BNA\_F

ClientSampleId :

PB145561BL



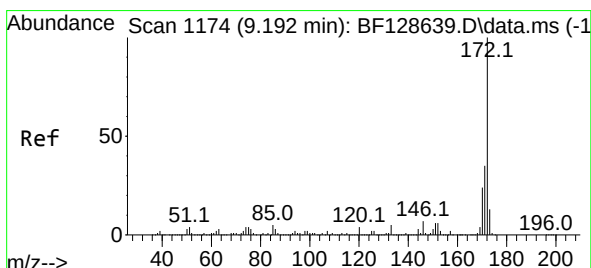
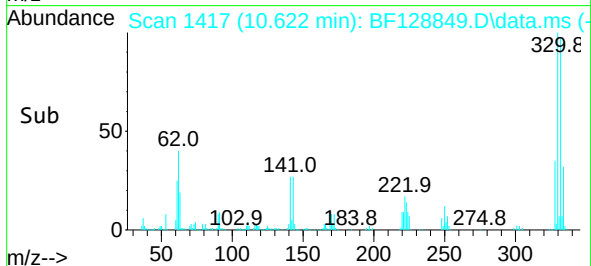
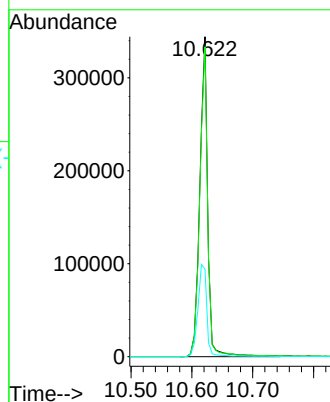
Tgt Ion:330 Resp: 311027

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 32.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.094 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128849.D

Acq: 17 Jun 2022 12:18

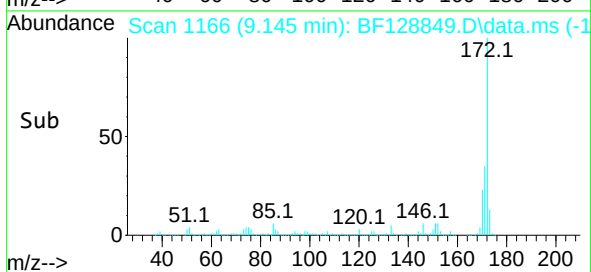
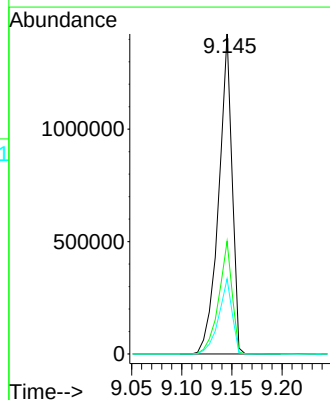
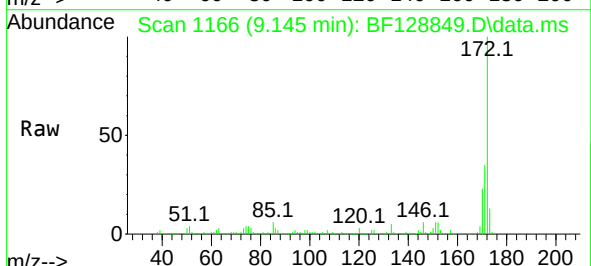
Tgt Ion:172 Resp: 1317239

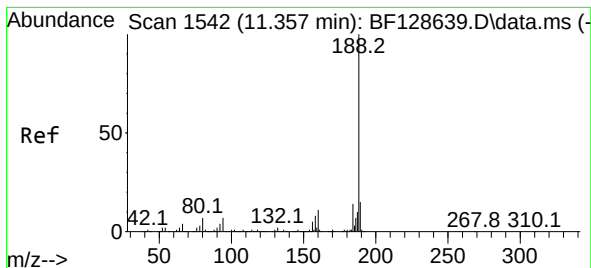
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.5 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128849.D

Acq: 17 Jun 2022 12:18

Instrument :

BNA\_F

ClientSampleId :

PB145561BL

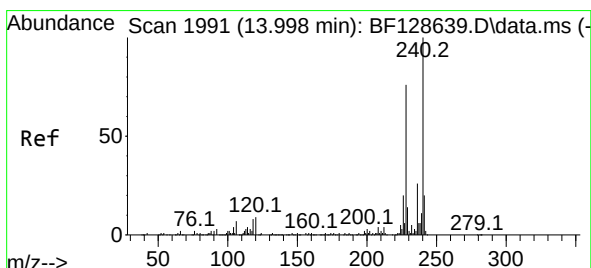
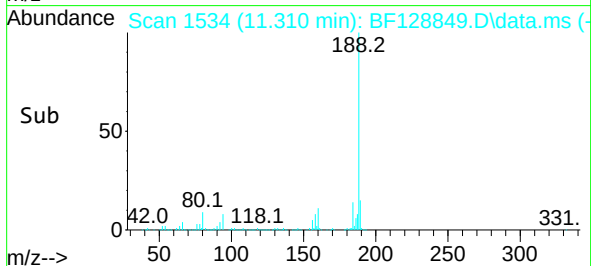
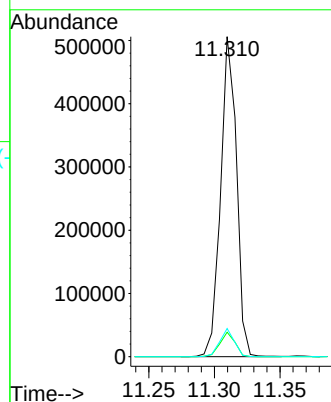
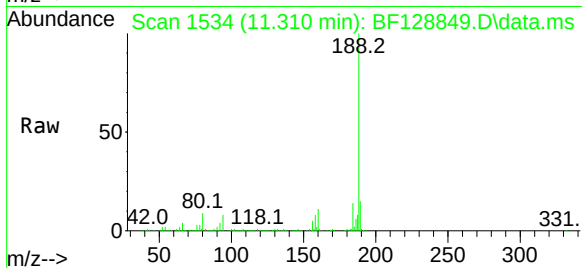
Tgt Ion:188 Resp: 425841

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF128849.D

Acq: 17 Jun 2022 12:18

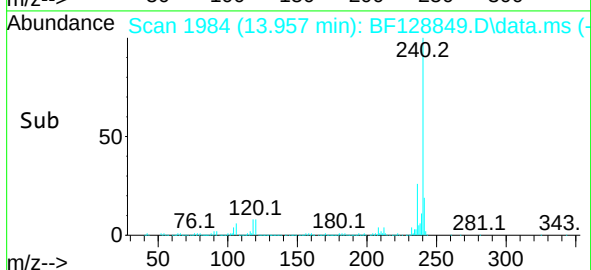
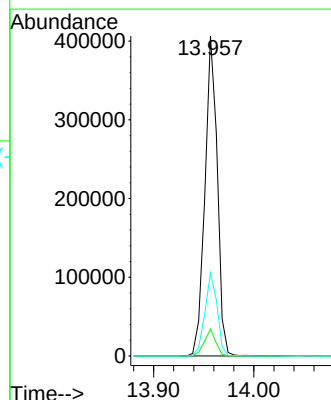
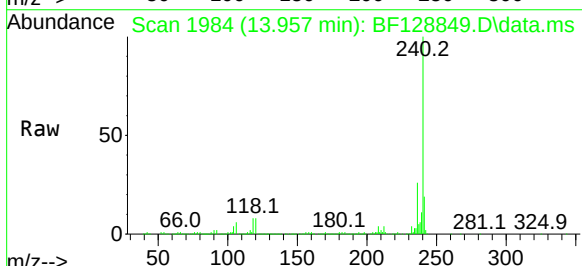
Tgt Ion:240 Resp: 349950

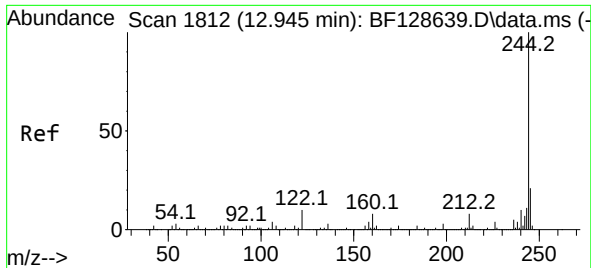
Ion Ratio Lower Upper

240 100

120 8.5 8.9 13.3#

236 26.0 20.8 31.2

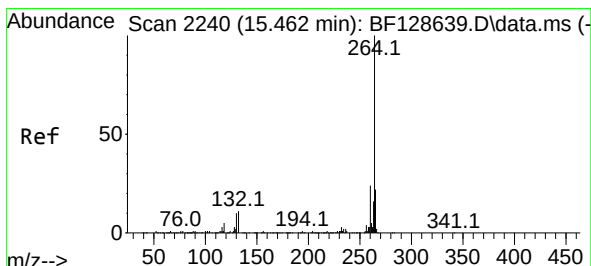
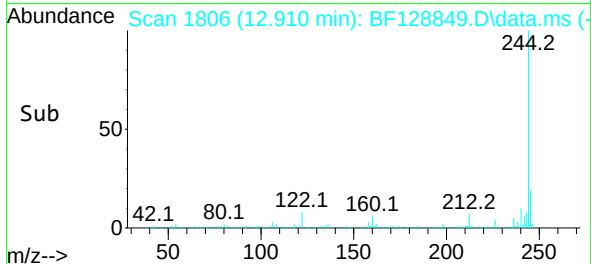
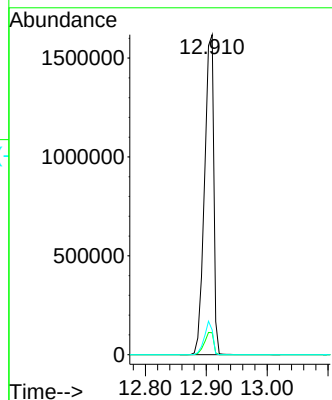
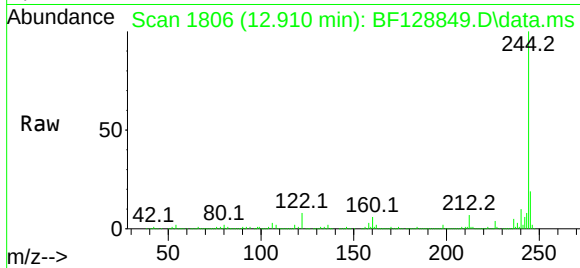




#79  
 Terphenyl-d14  
 Concen: 84.211 ng  
 RT: 12.910 min Scan# 1812  
 Delta R.T. 0.006 min  
 Lab File: BF128849.D  
 Acq: 17 Jun 2022 12:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145561BL

Tgt Ion:244 Resp: 1695963  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.1 9.1  
 122 7.7 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.415 min Scan# 2232  
 Delta R.T. -0.000 min  
 Lab File: BF128849.D  
 Acq: 17 Jun 2022 12:18

Tgt Ion:264 Resp: 321257  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.4 27.6  
 265 21.3 17.2 25.8

