

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
 Data File : BF127069.D  
 Acq On : 25 Feb 2022 14:24  
 Operator : CG\JU  
 Sample : N1657-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUP-7

Quant Time: Feb 26 01:39:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 24 02:10:57 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 67270    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.187  | 136  | 271501   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.945  | 164  | 140724   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 255445   | 20.000 | ng    | #-0.01   |
| 76) Chrysene-d12            | 14.080 | 240  | 138331   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.580 | 264  | 118831   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 357834   | 82.215 | ng    | 0.00     |
| 7) Phenol-d6                | 6.528  | 99   | 524298   | 89.273 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 408850   | 67.972 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 138247   | 85.325 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 688515   | 72.028 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.028 | 244  | 766099   | 81.413 | ng    | 0.00     |

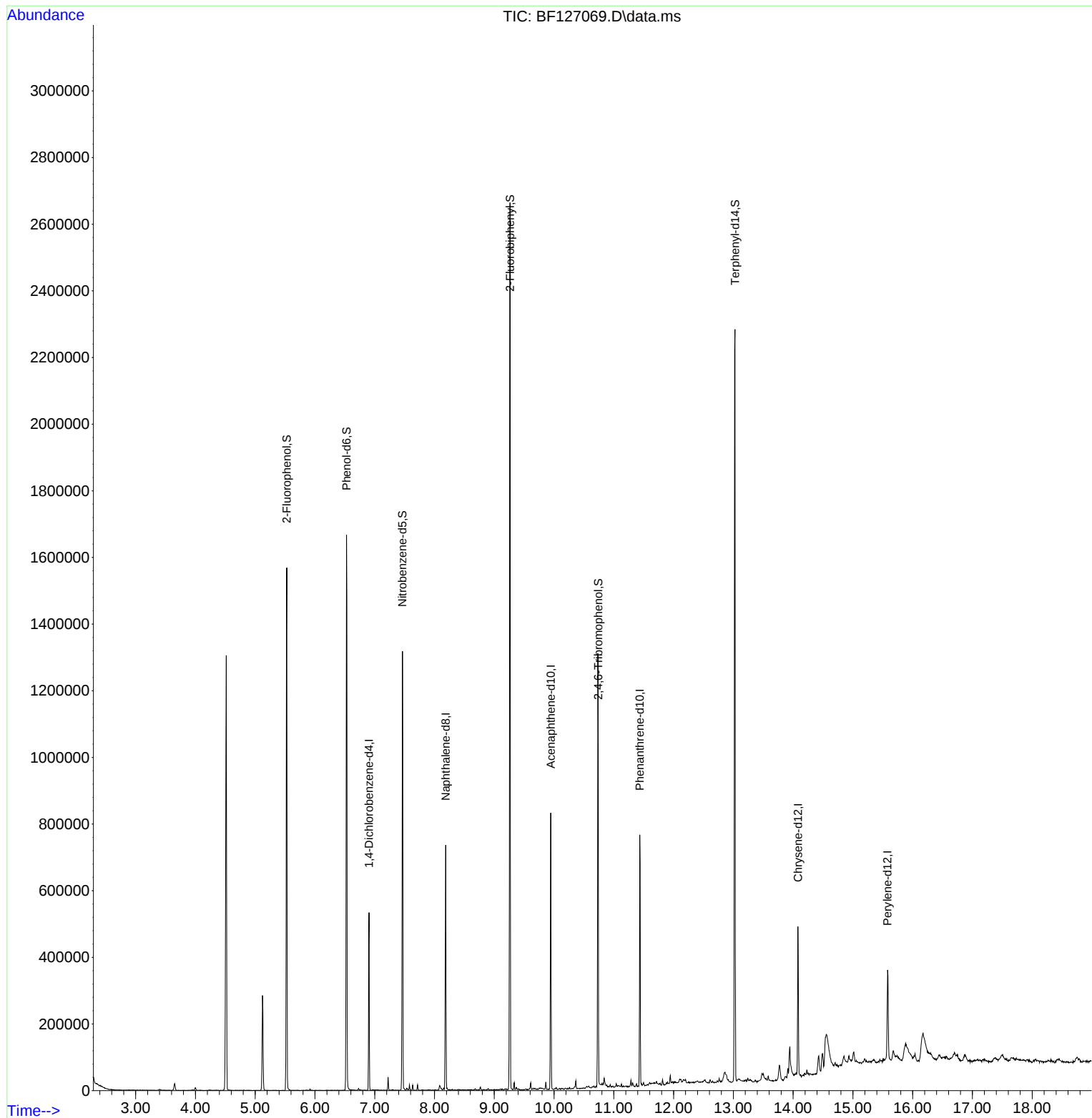
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

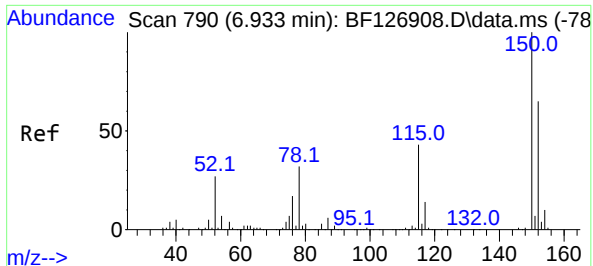
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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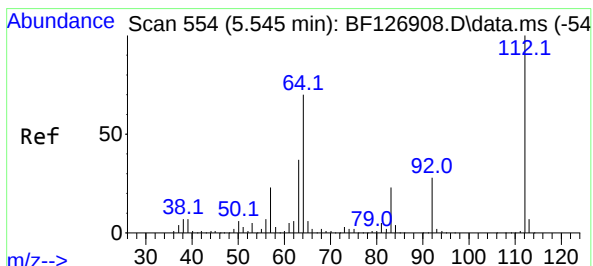
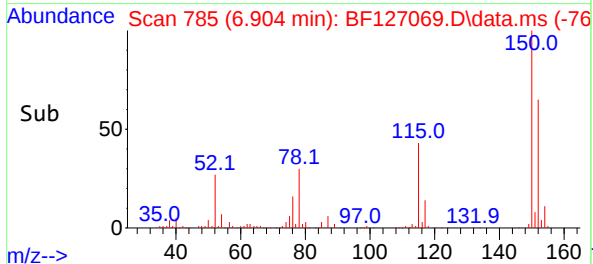
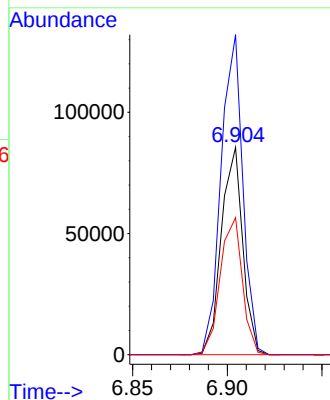
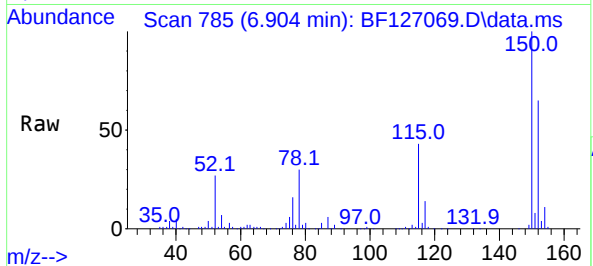




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

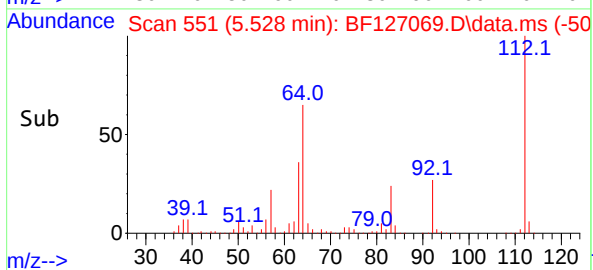
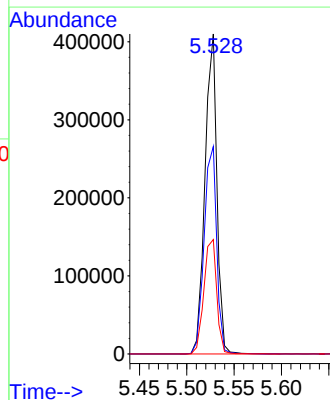
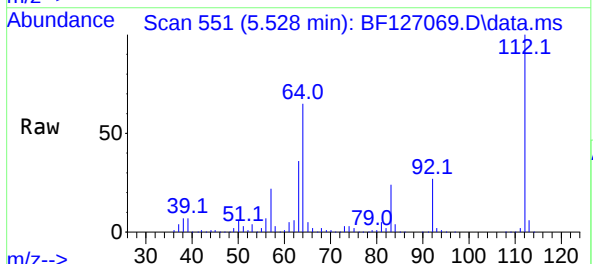
Instrument :  
BNA\_F  
ClientSampleId :  
GROUP-7

Tgt Ion:152 Resp: 67270  
Ion Ratio Lower Upper  
152 100  
150 154.3 128.1 192.1  
115 66.1 56.7 85.1



#5  
2-Fluorophenol  
Concen: 82.215 ng  
RT: 5.528 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

Tgt Ion:112 Resp: 357834  
Ion Ratio Lower Upper  
112 100  
64 64.8 49.5 74.3  
63 35.7 23.9 35.9

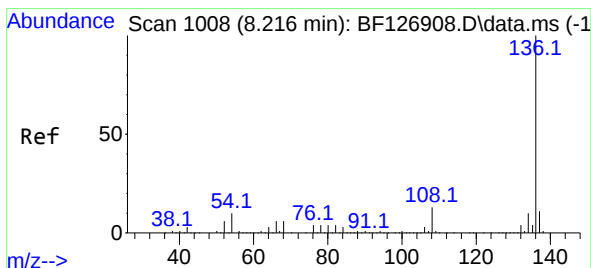
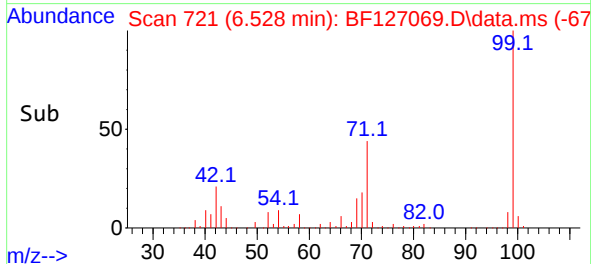
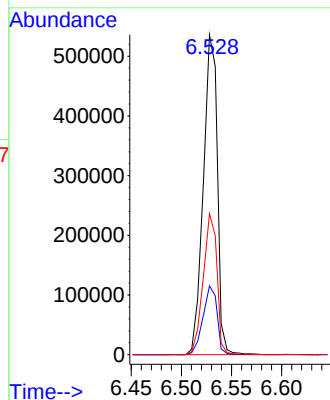
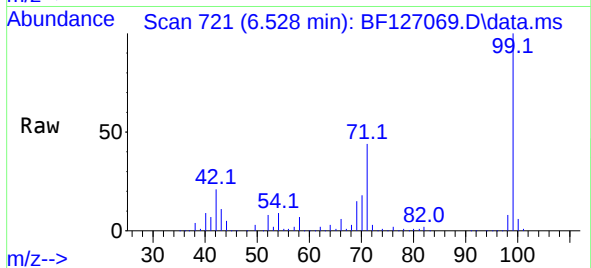




#7  
Phenol-d6  
Concen: 89.273 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

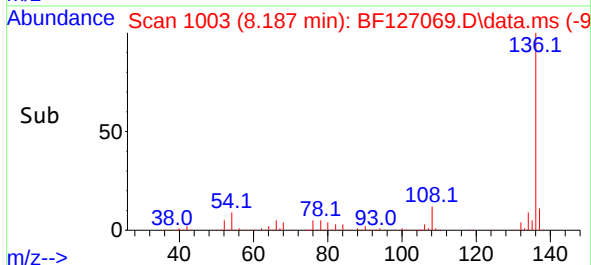
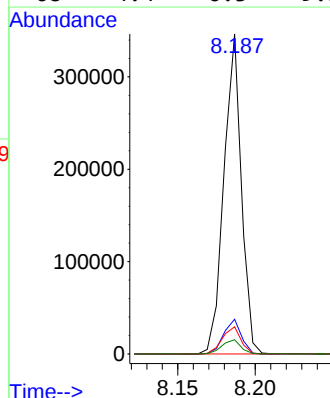
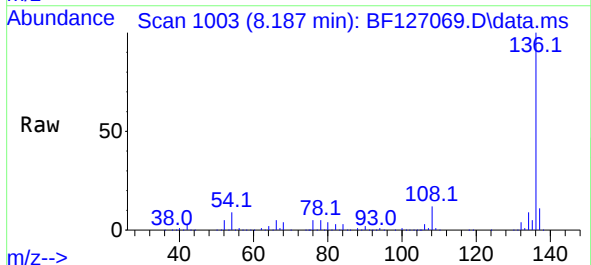
Instrument :  
BNA\_F  
ClientSampleId :  
GROUP-7

Tgt Ion: 99 Resp: 524298  
Ion Ratio Lower Upper  
99 100  
42 21.5 14.2 21.4#  
71 44.1 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

Tgt Ion:136 Resp: 271501  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.5 7.8 11.6  
68 4.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 67.972 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127069.D

Acq: 25 Feb 2022 14:24

Instrument :

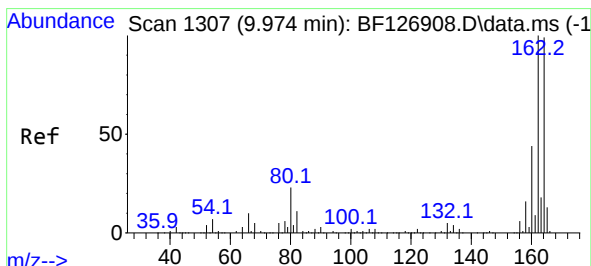
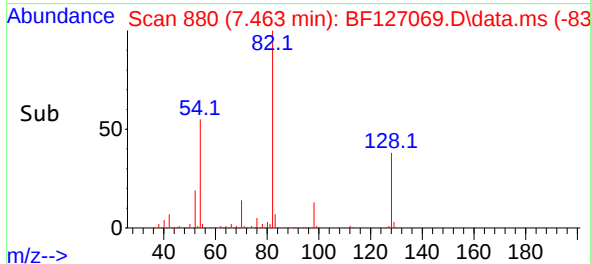
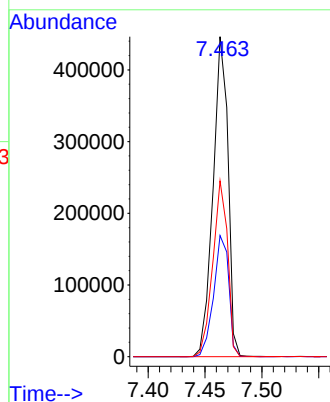
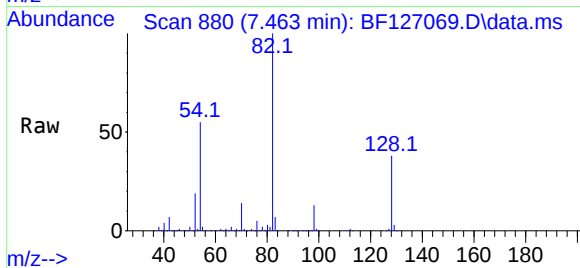
BNA\_F

ClientSampleId :

GROUP-7

Tgt Ion: 82 Resp: 408850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.9  | 32.7  | 49.1  |
| 54  | 55.0  | 41.7  | 62.5  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

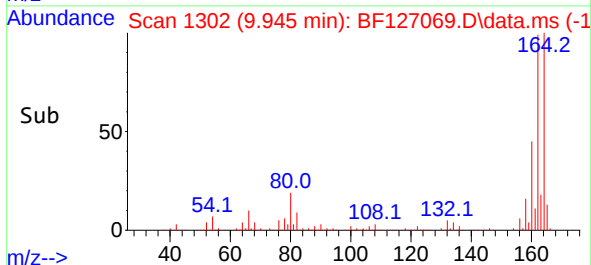
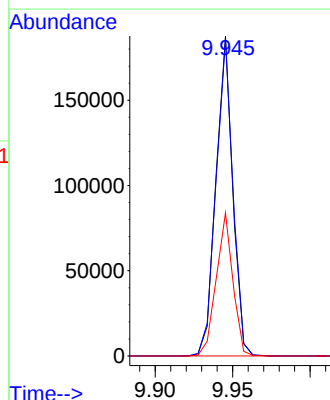
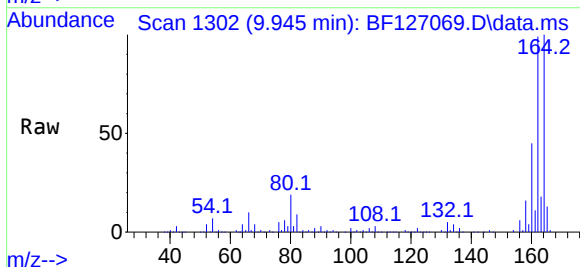
Delta R.T. -0.006 min

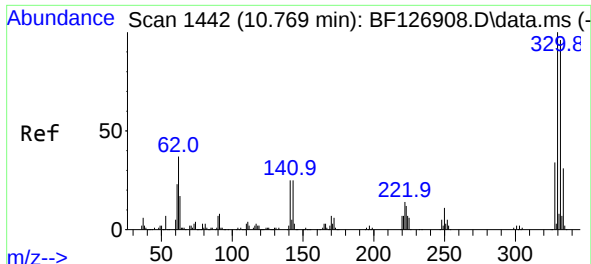
Lab File: BF127069.D

Acq: 25 Feb 2022 14:24

Tgt Ion: 164 Resp: 140724

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.9  | 81.4  | 122.0 |
| 160 | 44.7  | 36.6  | 54.8  |





#42

2,4,6-Tribromophenol

Concen: 85.325 ng

RT: 10.739 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127069.D

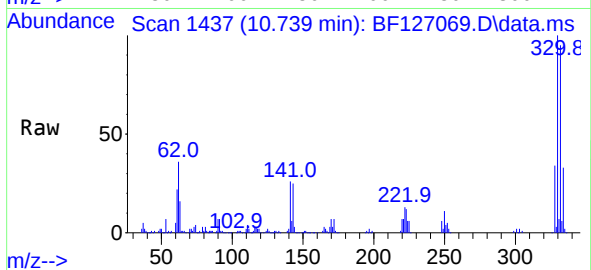
Acq: 25 Feb 2022 14:24

Instrument :

BNA\_F

ClientSampleId :

GROUP-7



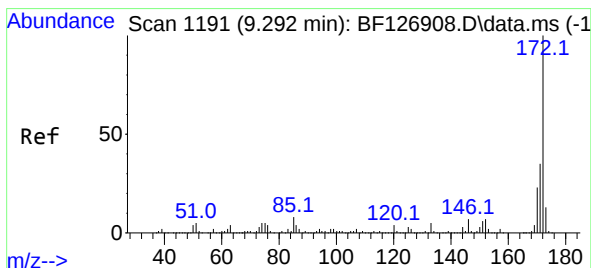
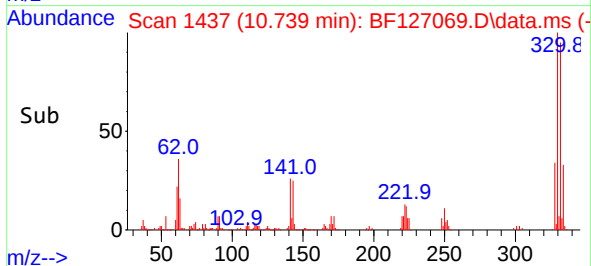
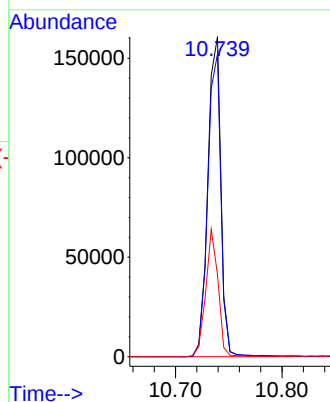
Tgt Ion:330 Resp: 138247

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 37.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 72.028 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127069.D

Acq: 25 Feb 2022 14:24

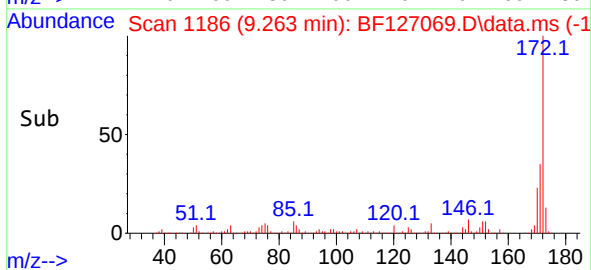
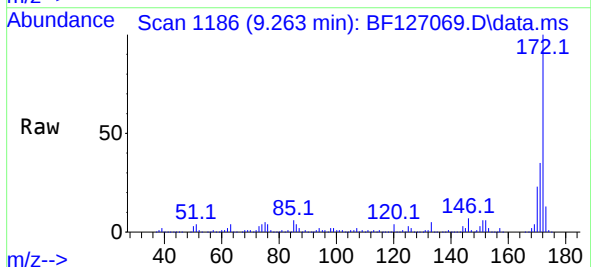
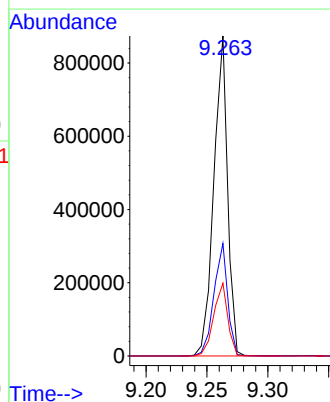
Tgt Ion:172 Resp: 688515

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.7 19.0 28.6

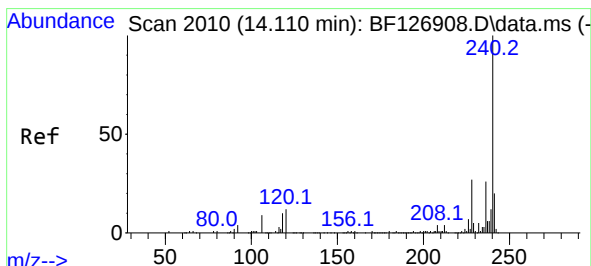
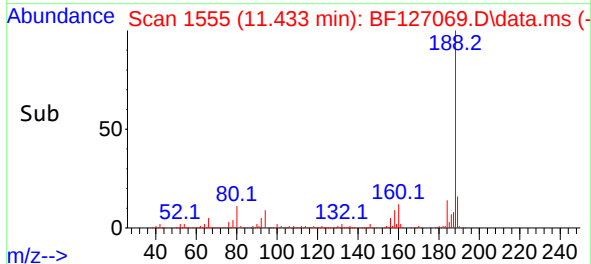
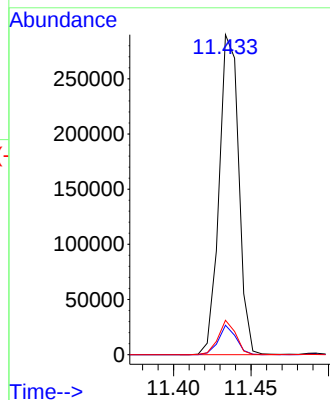
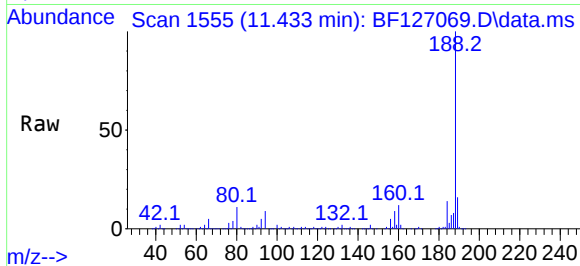




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

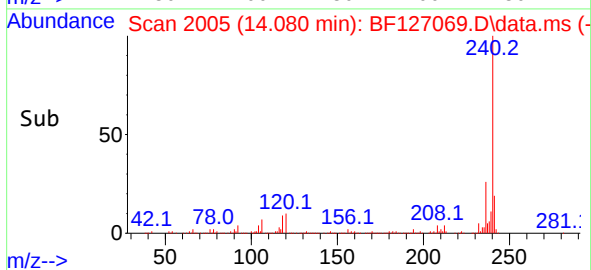
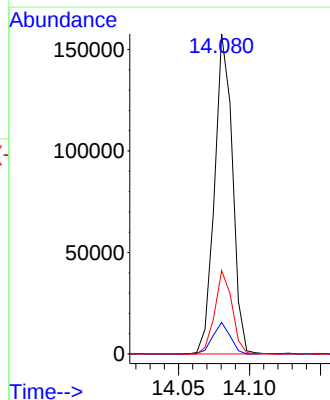
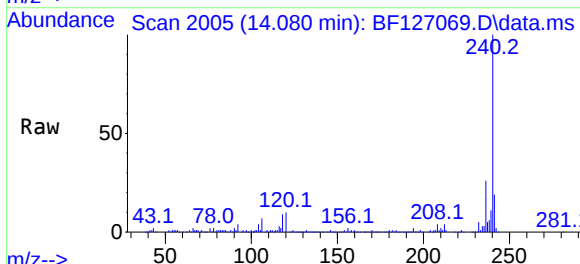
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:188 Resp: 255445  
Ion Ratio Lower Upper  
188 100  
94 9.2 10.1 15.1#  
80 10.8 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF127069.D  
Acq: 25 Feb 2022 14:24

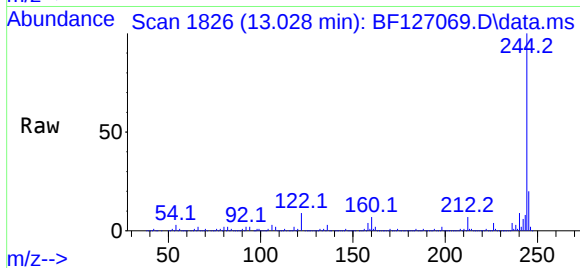
Tgt Ion:240 Resp: 138331  
Ion Ratio Lower Upper  
240 100  
120 9.8 14.4 21.6#  
236 26.0 20.5 30.7



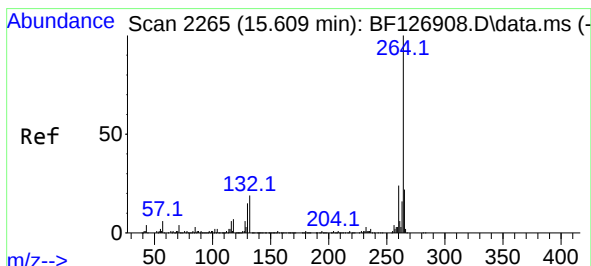
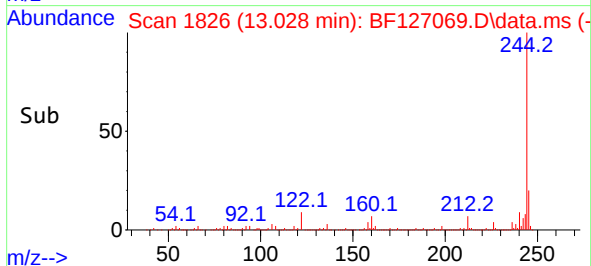
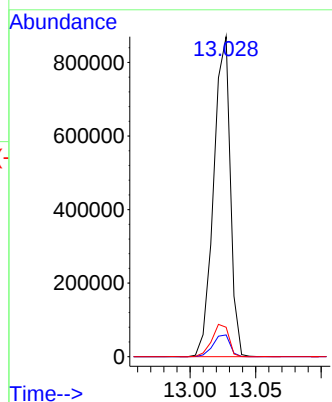


#79  
 Terphenyl-d14  
 Concen: 81.413 ng  
 RT: 13.028 min Scan# 1826  
 Delta R.T. 0.000 min  
 Lab File: BF127069.D  
 Acq: 25 Feb 2022 14:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUP-7



Tgt Ion:244 Resp: 766099  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 9.2 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2260  
 Delta R.T. -0.006 min  
 Lab File: BF127069.D  
 Acq: 25 Feb 2022 14:24

Tgt Ion:264 Resp: 118831  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 19.2 28.8  
 265 20.9 17.4 26.2

