

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032122\  
 Data File : BF127444.D  
 Acq On : 22 Mar 2022 09:28  
 Operator : CG\JU  
 Sample : N1962-15  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C-18-17-18

Quant Time: Mar 22 15:23:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 102628   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 377492   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 221191   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.375 | 188  | 406035   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 272937   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 194327   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 863033   | 134.231 | ng    | 0.02     |
| 7) Phenol-d6                | 6.487  | 99   | 1105297  | 125.766 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 880407   | 99.694  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 367941   | 156.155 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 1483342  | 97.925  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.969 | 244  | 1747166  | 104.791 | ng    | 0.00     |

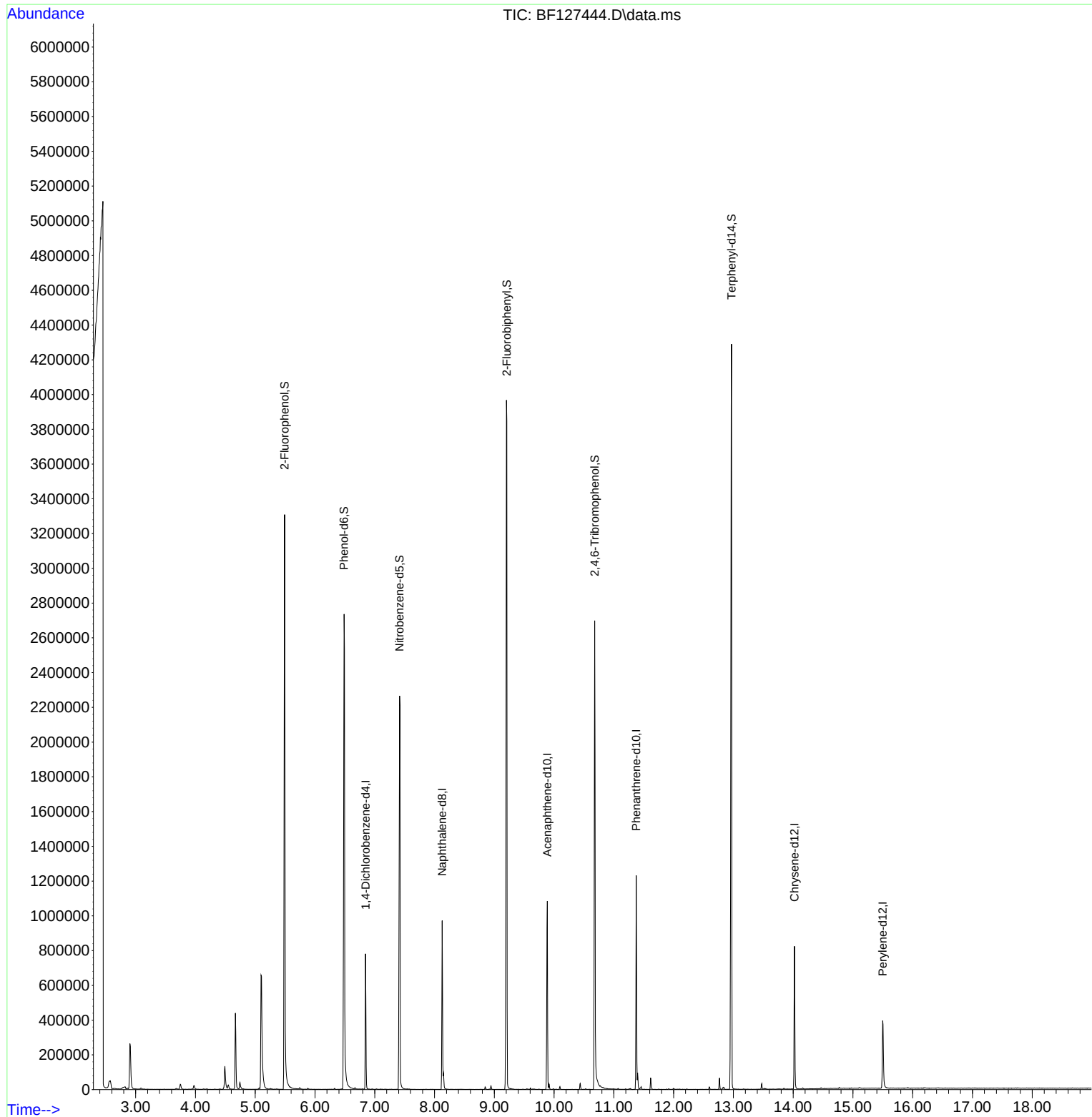
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

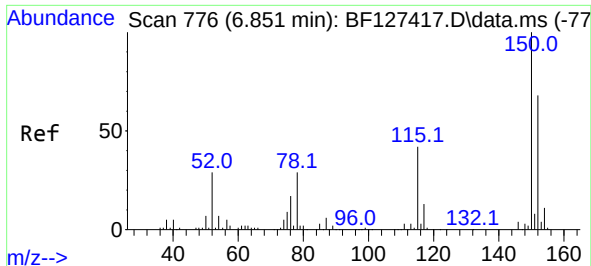
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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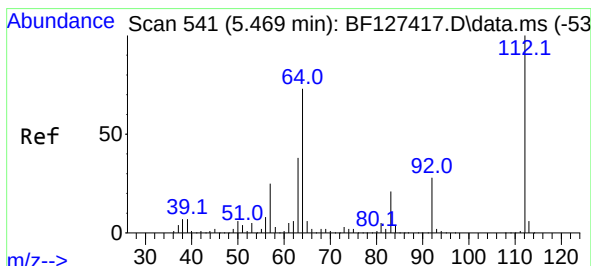
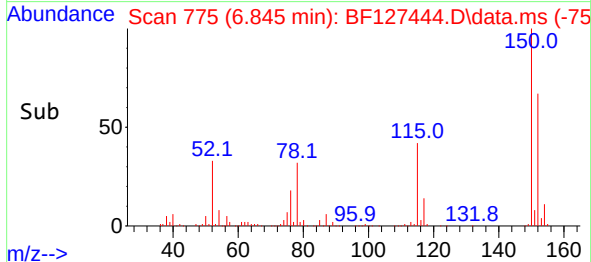
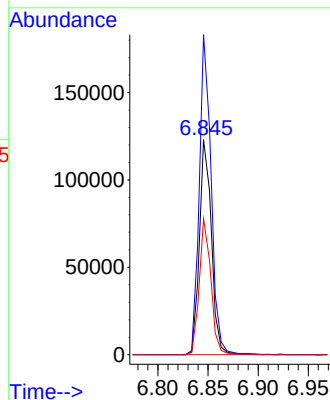
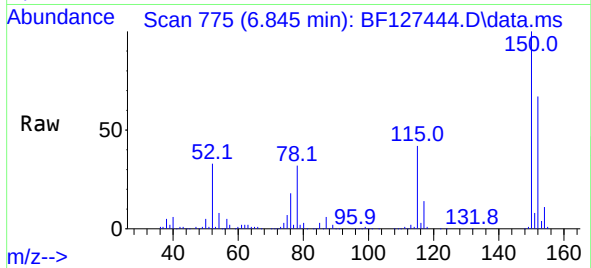




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

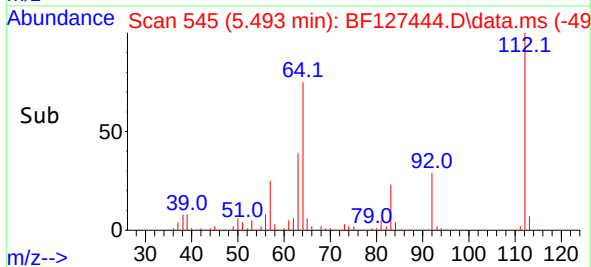
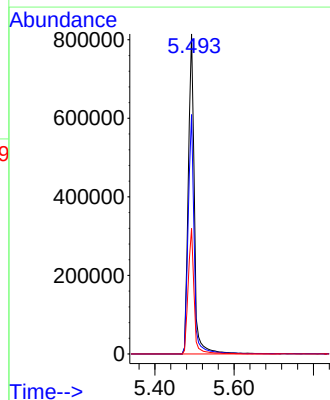
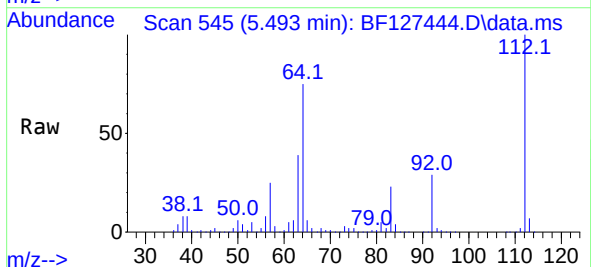
Instrument :  
BNA\_F  
ClientSampleId :  
C-18-17-18

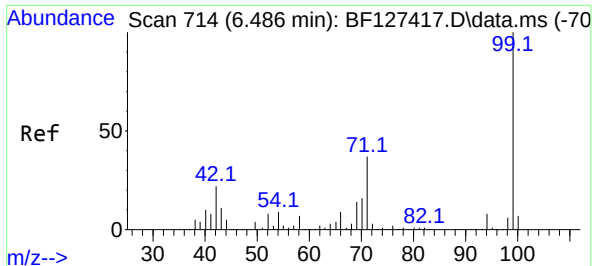
Tgt Ion:152 Resp: 102628  
Ion Ratio Lower Upper  
152 100  
150 148.8 117.2 175.8  
115 63.2 49.8 74.6



#5  
2-Fluorophenol  
Concen: 134.231 ng  
RT: 5.493 min Scan# 545  
Delta R.T. 0.024 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

Tgt Ion:112 Resp: 863033  
Ion Ratio Lower Upper  
112 100  
64 74.8 58.4 87.6  
63 39.2 30.1 45.1



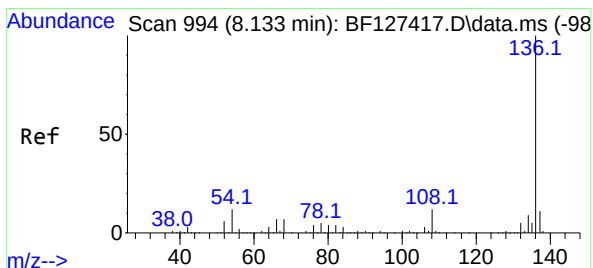
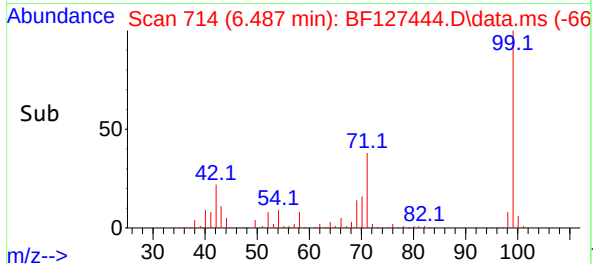
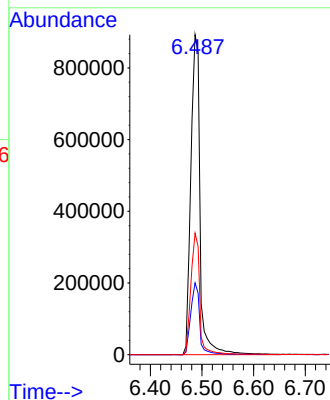
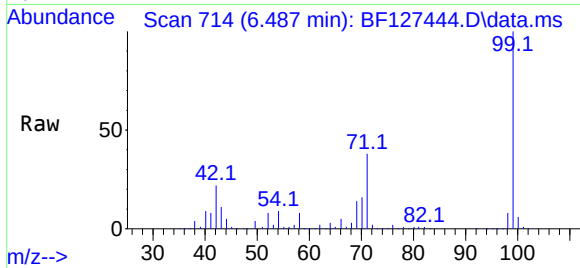


#7  
Phenol-d6  
Concen: 125.766 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

Instrument :  
BNA\_F  
ClientSampleId :  
C-18-17-18

Tgt Ion: 99 Resp: 1105297

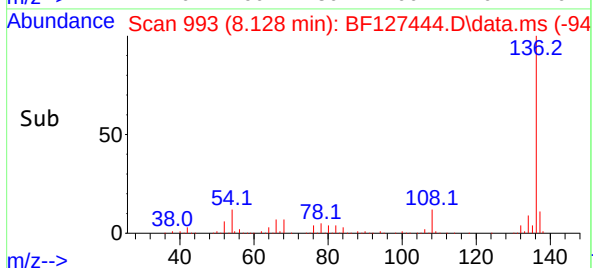
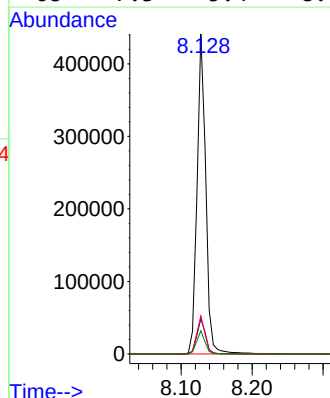
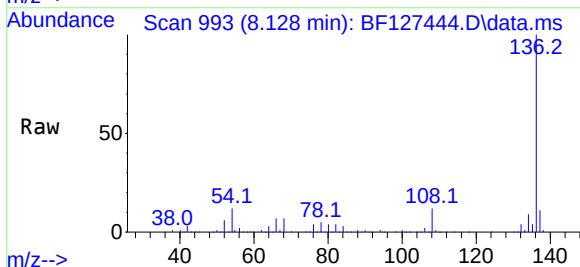
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.4  | 17.8  | 26.6  |
| 71  | 38.0  | 29.6  | 44.4  |

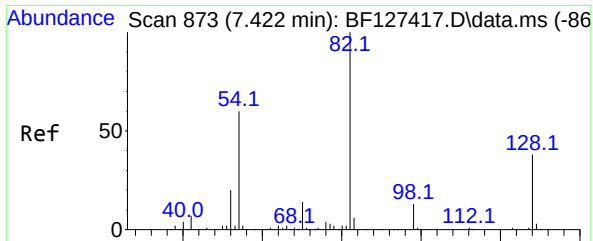


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

Tgt Ion:136 Resp: 377492

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 11.9  | 9.2   | 13.8  |
| 68  | 7.3   | 5.4   | 8.0   |

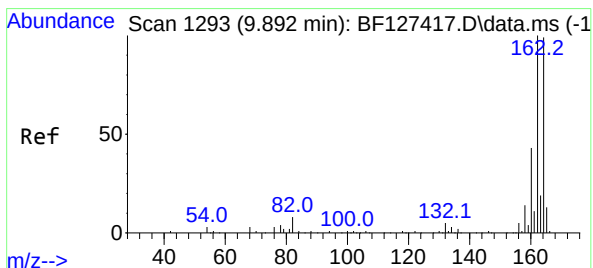
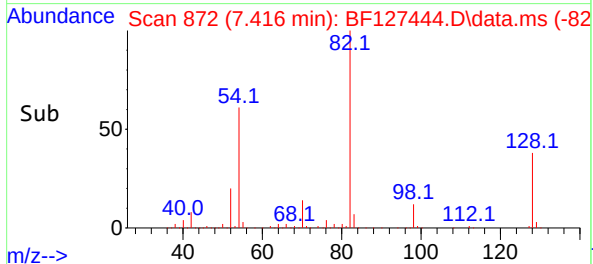
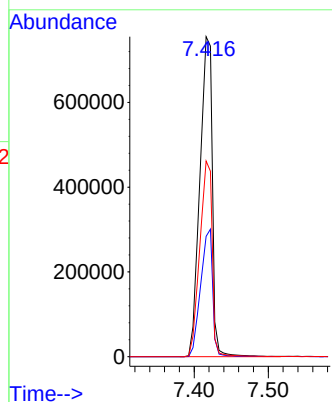
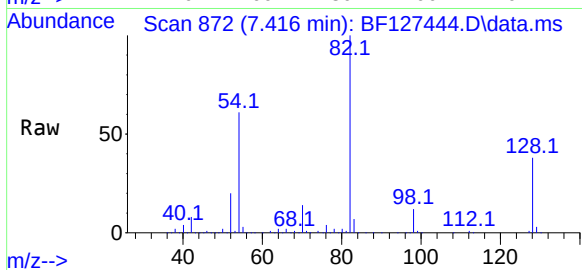




#23  
Nitrobenzene-d5  
Concen: 99.694 ng  
RT: 7.416 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

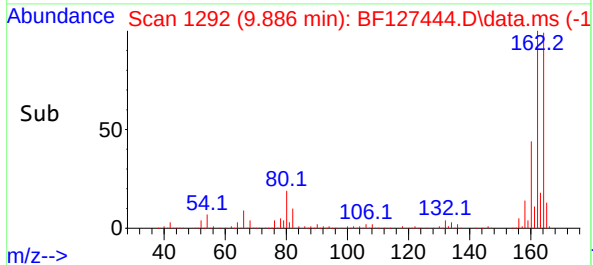
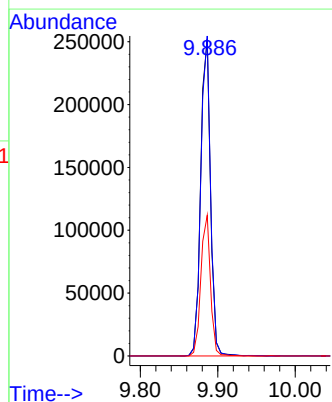
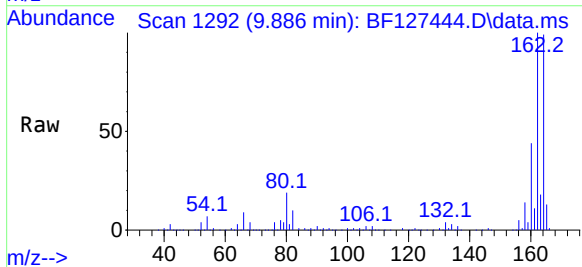
Instrument :  
BNA\_F  
ClientSampleId :  
C-18-17-18

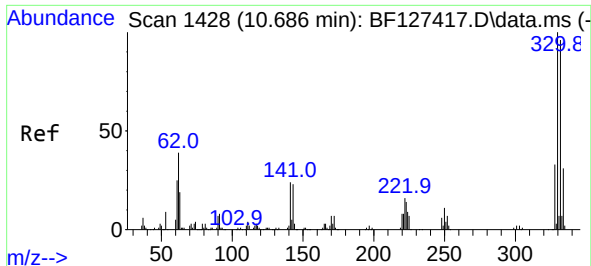
Tgt Ion: 82 Resp: 880407  
Ion Ratio Lower Upper  
82 100  
128 37.6 30.6 45.8  
54 61.2 48.2 72.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

Tgt Ion:164 Resp: 221191  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.2 121.8  
160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 156.155 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

Instrument :

BNA\_F

ClientSampleId :

C-18-17-18

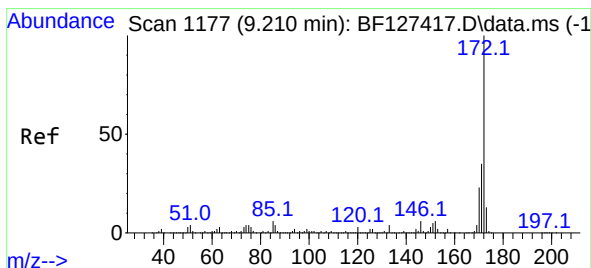
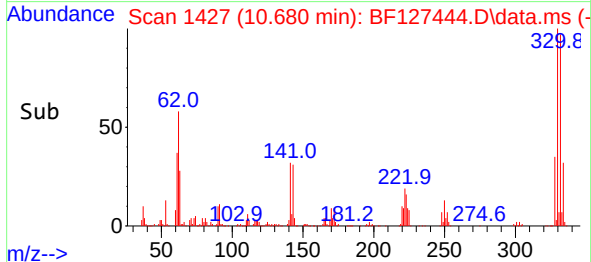
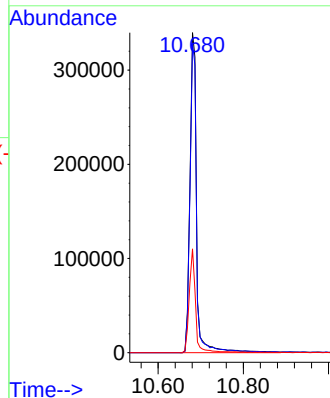
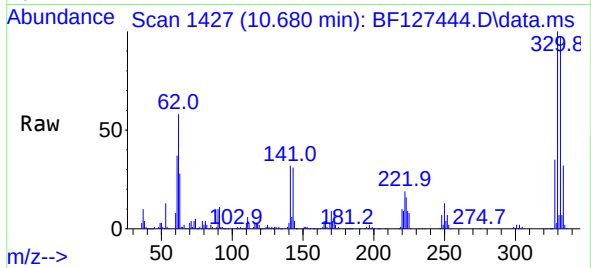
Tgt Ion:330 Resp: 367941

Ion Ratio Lower Upper

330 100

332 96.2 79.1 118.7

141 30.9 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 97.925 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127444.D

Acq: 22 Mar 2022 09:28

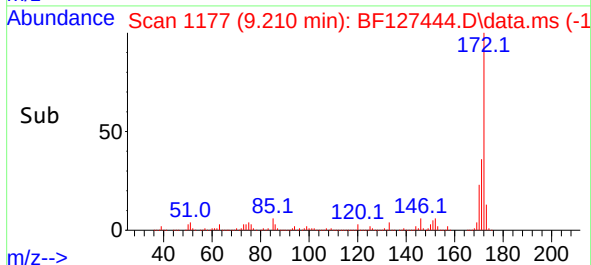
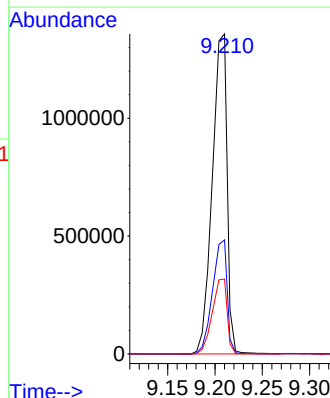
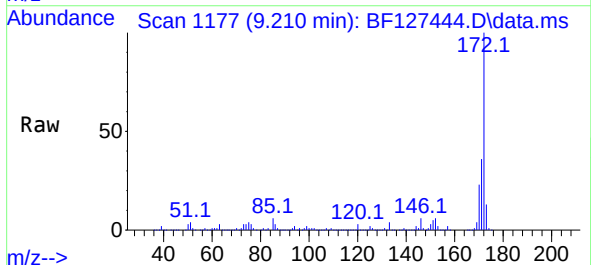
Tgt Ion:172 Resp: 1483342

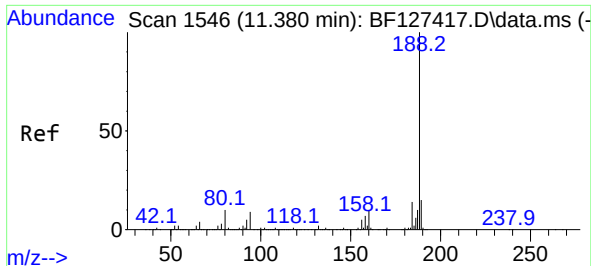
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 18.6 27.8

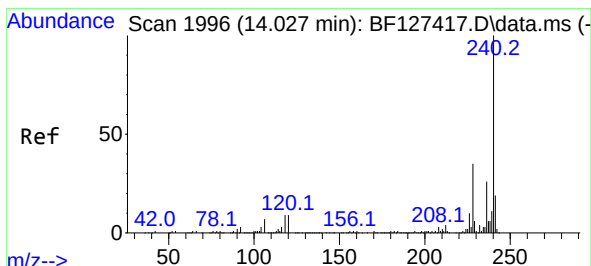
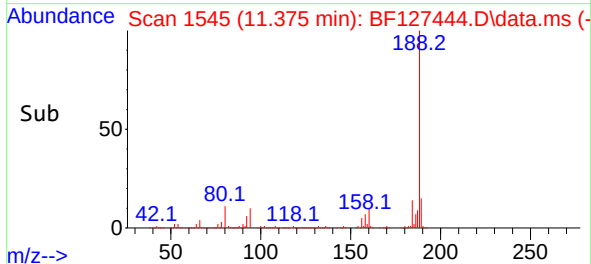
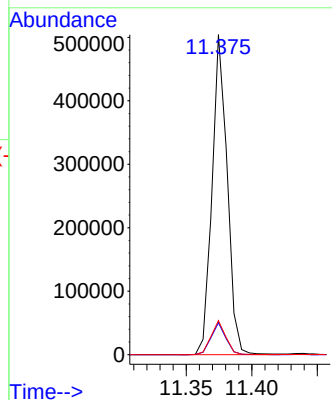
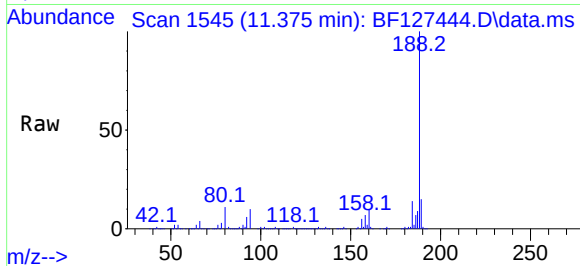




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

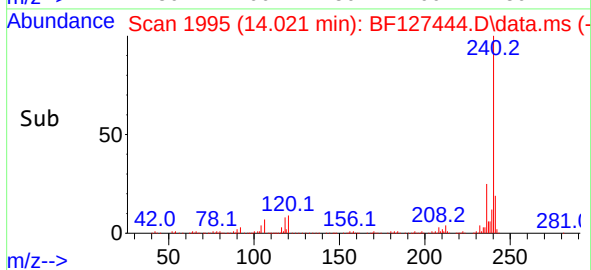
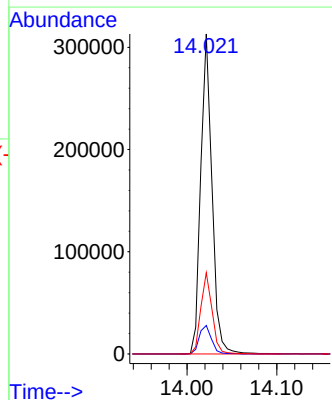
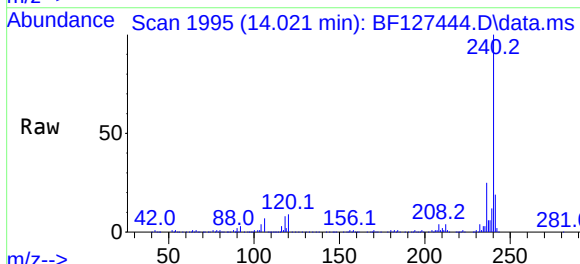
Instrument :  
BNA\_F  
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C-18-17-18

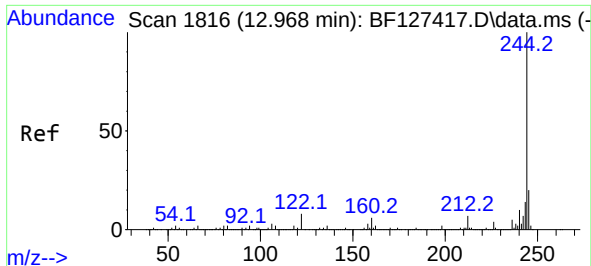
Tgt Ion:188 Resp: 406035  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.4 11.0  
80 10.6 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF127444.D  
Acq: 22 Mar 2022 09:28

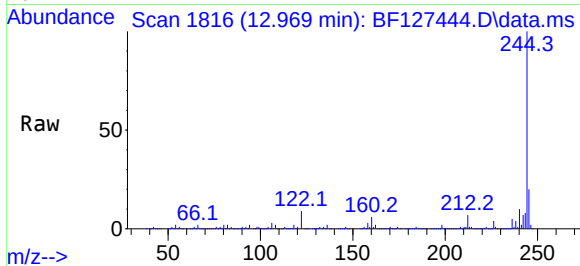
Tgt Ion:240 Resp: 272937  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.1 10.7  
236 25.4 20.7 31.1





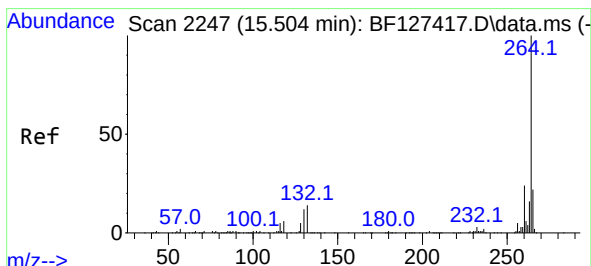
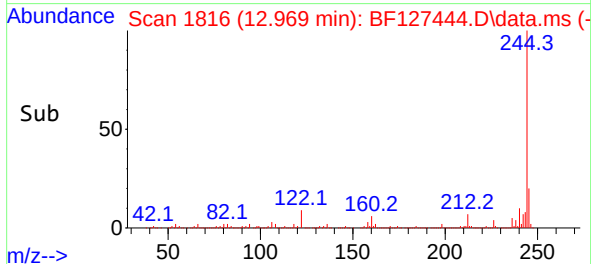
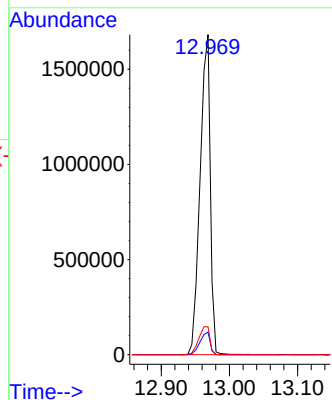
#79  
 Terphenyl-d14  
 Concen: 104.791 ng  
 RT: 12.969 min Scan# 1816  
 Delta R.T. 0.000 min  
 Lab File: BF127444.D  
 Acq: 22 Mar 2022 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C-18-17-18



Tgt Ion:244 Resp: 1747166  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.7   | 8.5   |
| 122 | 8.7   | 6.2   | 9.2   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.498 min Scan# 2246  
 Delta R.T. -0.006 min  
 Lab File: BF127444.D  
 Acq: 22 Mar 2022 09:28

Tgt Ion:264 Resp: 194327  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 21.8  | 19.1  | 28.7  |
| 265 | 21.5  | 17.4  | 26.2  |

