

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022222\  
 Data File : BF127009.D  
 Acq On : 22 Feb 2022 15:22  
 Operator : CG\JU  
 Sample : PB142832BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142832BL

Quant Time: Feb 22 23:58:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 21 13:16:57 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 97001    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 398457   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.957  | 164  | 211137   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.445 | 188  | 393502   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.086 | 240  | 305096   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.586 | 264  | 249843   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.545  | 112  | 778000   | 123.963 | ng    | 0.00     |
| 7) Phenol-d6                | 6.539  | 99   | 1024640  | 120.993 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.481  | 82   | 737091   | 83.498  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.751 | 330  | 326939   | 134.490 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.274  | 172  | 1199307  | 83.622  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.039 | 244  | 1581926  | 76.222  | ng    | 0.00     |

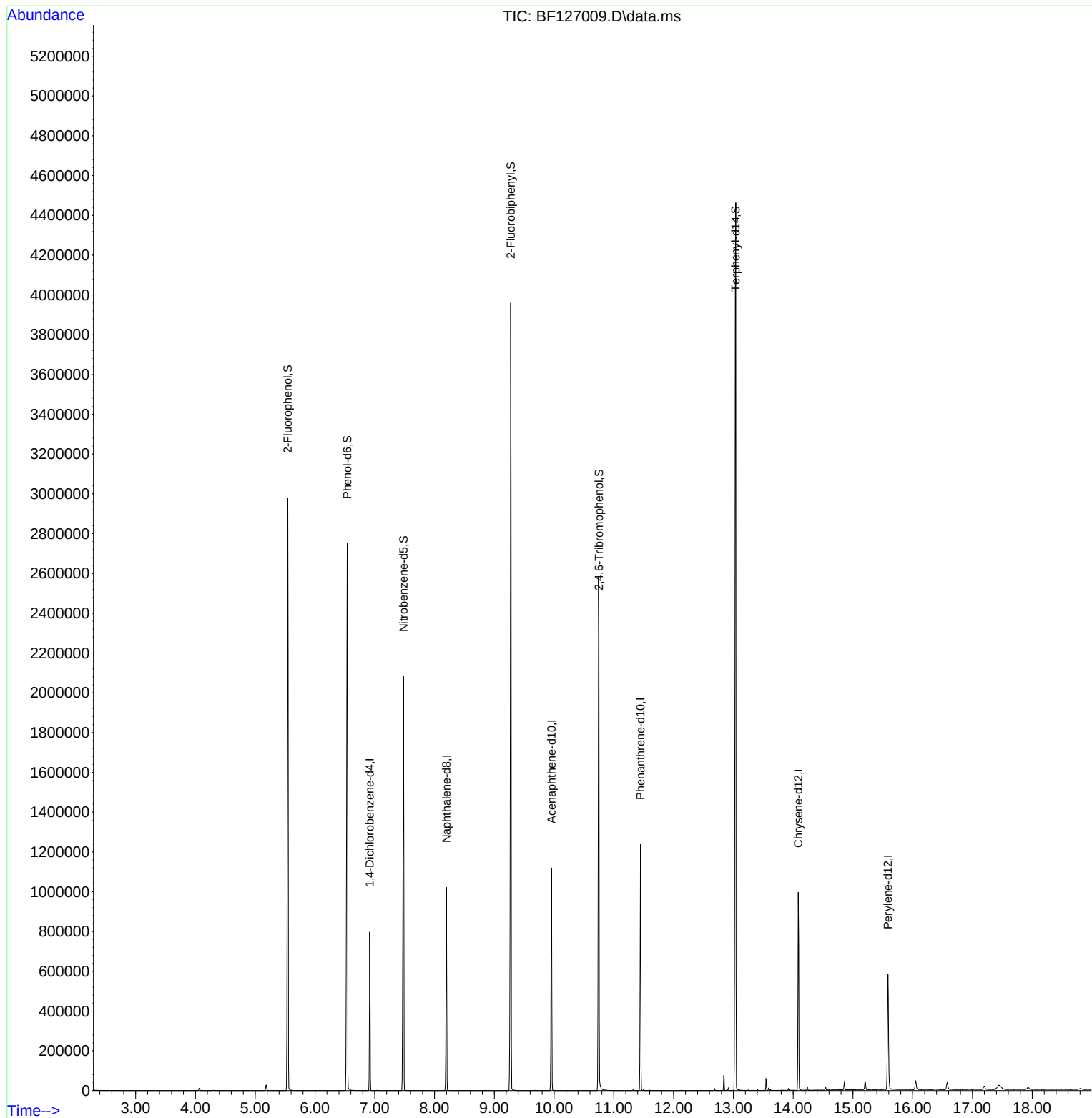
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

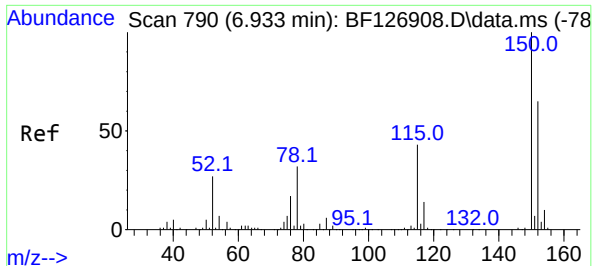
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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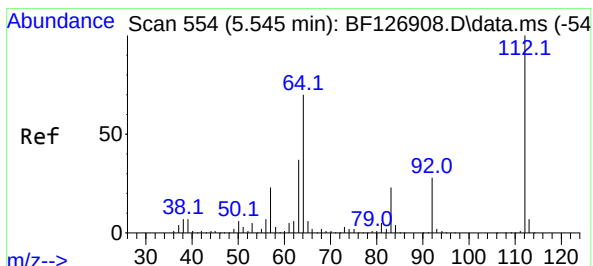
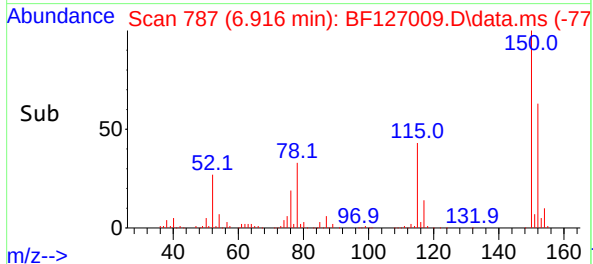
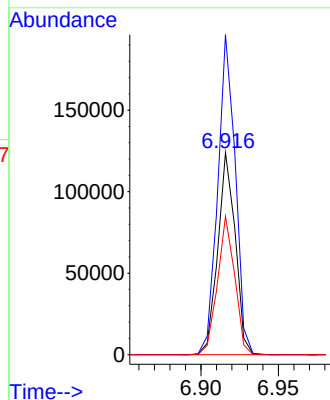
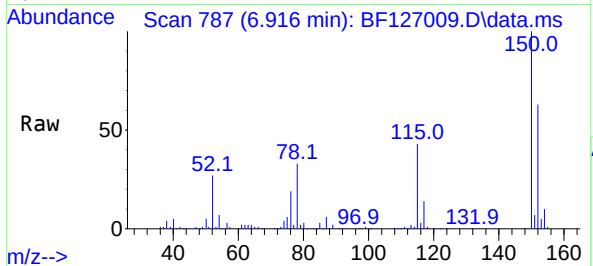




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

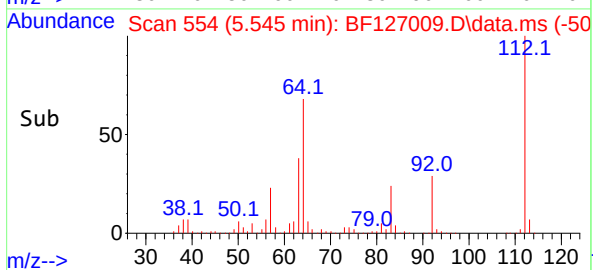
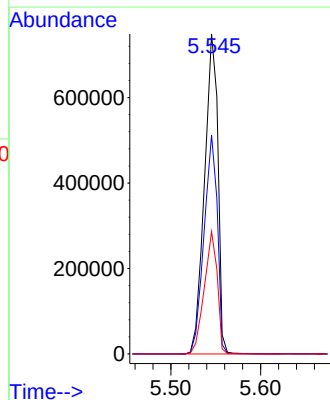
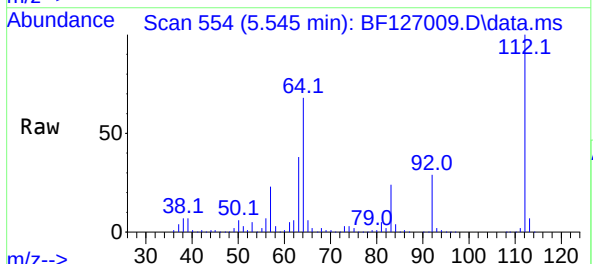
Instrument :  
BNA\_F  
ClientSampleId :  
PB142832BL

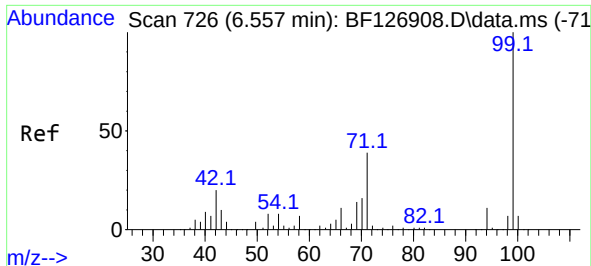
Tgt Ion:152 Resp: 97001  
Ion Ratio Lower Upper  
152 100  
150 158.4 128.1 192.1  
115 68.5 56.7 85.1



#5  
2-Fluorophenol  
Concen: 123.963 ng  
RT: 5.545 min Scan# 554  
Delta R.T. 0.006 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

Tgt Ion:112 Resp: 778000  
Ion Ratio Lower Upper  
112 100  
64 68.5 49.5 74.3  
63 38.3 23.9 35.9#

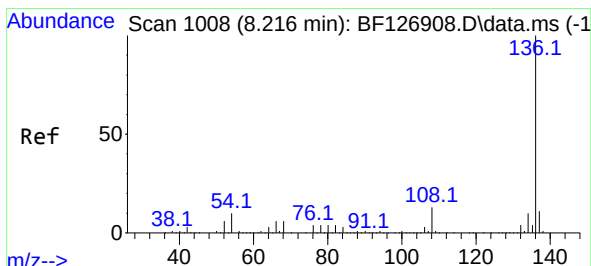
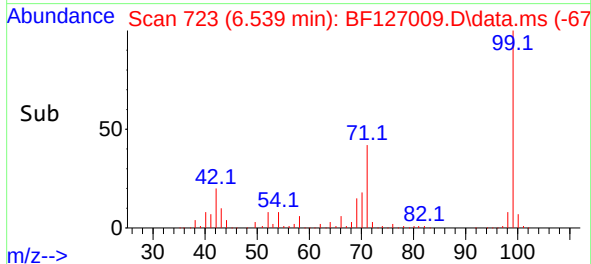
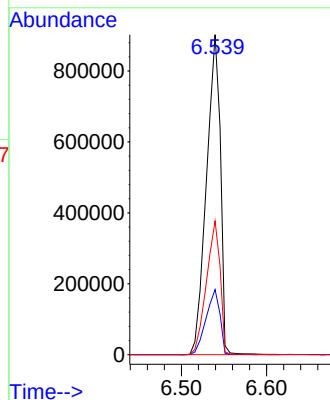
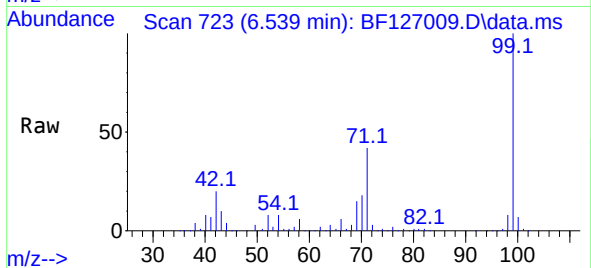




#7  
Phenol-d6  
Concen: 120.993 ng  
RT: 6.539 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

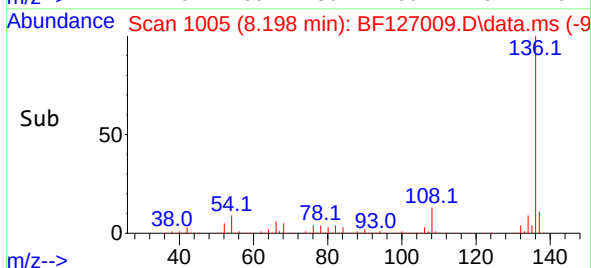
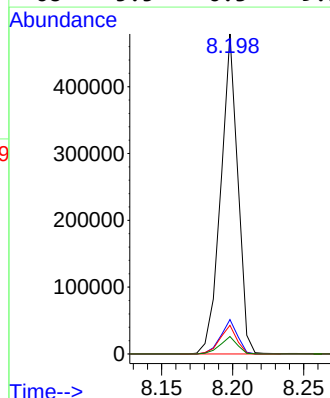
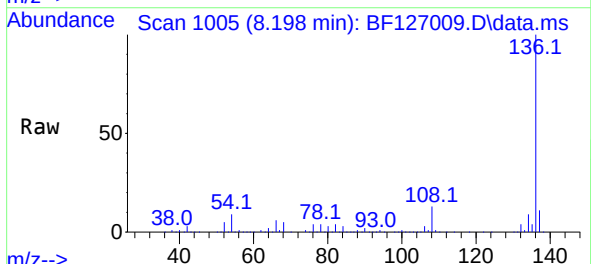
Instrument :  
BNA\_F  
ClientSampleId :  
PB142832BL

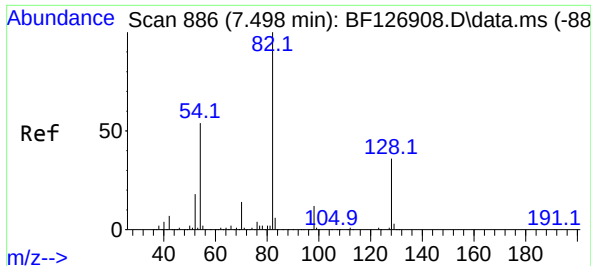
Tgt Ion: 99 Resp: 1024640  
Ion Ratio Lower Upper  
99 100  
42 20.3 14.2 21.4  
71 41.8 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

Tgt Ion:136 Resp: 398457  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.0 7.8 11.6  
68 5.5 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 83.498 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127009.D

Acq: 22 Feb 2022 15:22

Instrument :

BNA\_F

ClientSampleId :

PB142832BL

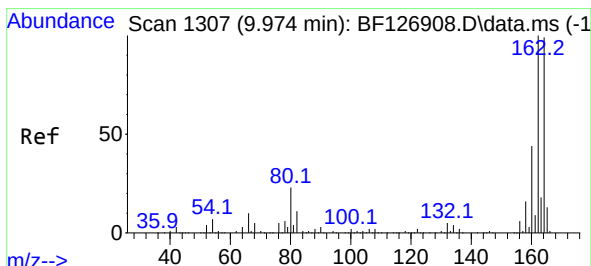
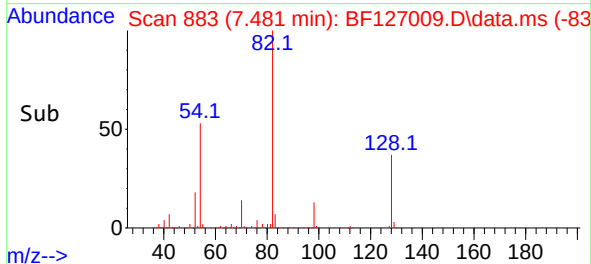
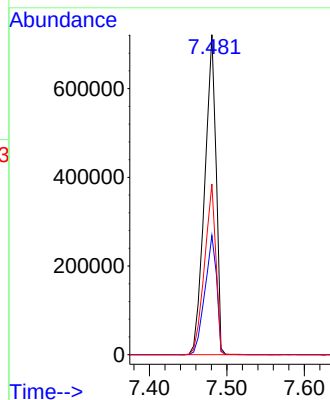
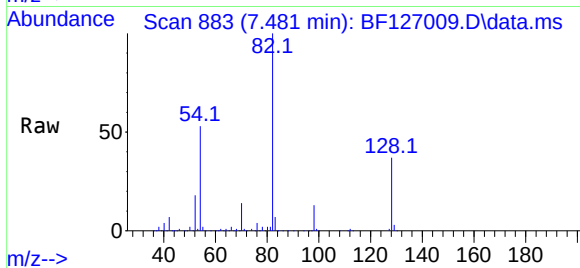
Tgt Ion: 82 Resp: 737091

Ion Ratio Lower Upper

82 100

128 37.3 32.7 49.1

54 53.3 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF127009.D

Acq: 22 Feb 2022 15:22

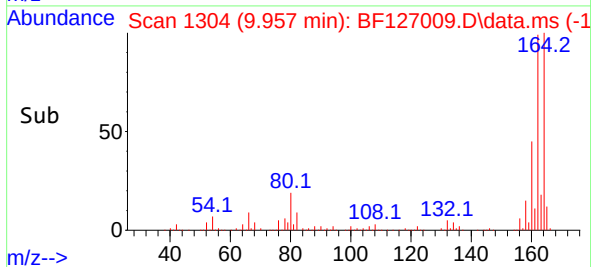
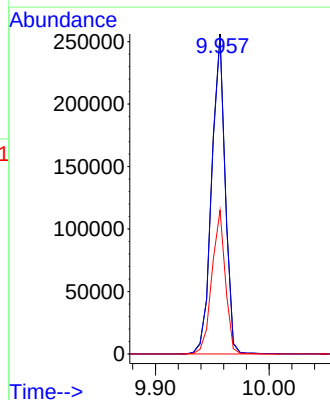
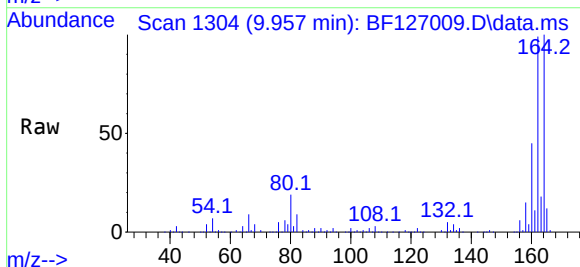
Tgt Ion: 164 Resp: 211137

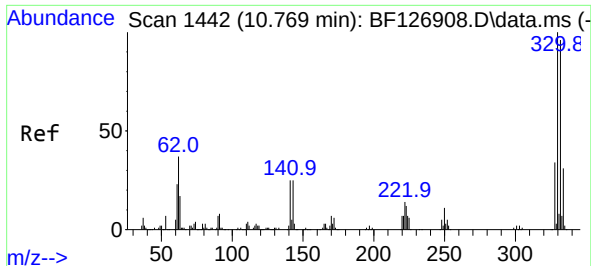
Ion Ratio Lower Upper

164 100

162 99.3 81.4 122.0

160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 134.490 ng

RT: 10.751 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127009.D

Acq: 22 Feb 2022 15:22

Instrument :

BNA\_F

ClientSampleId :

PB142832BL

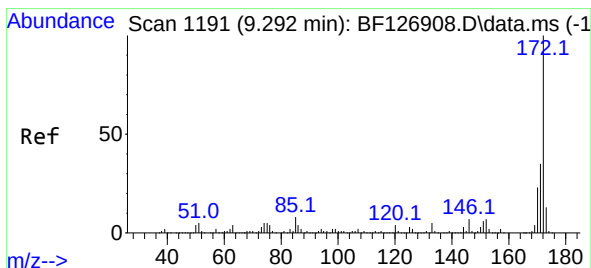
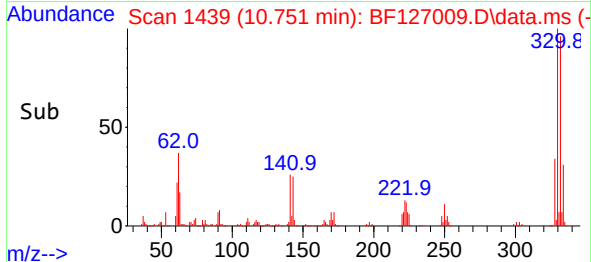
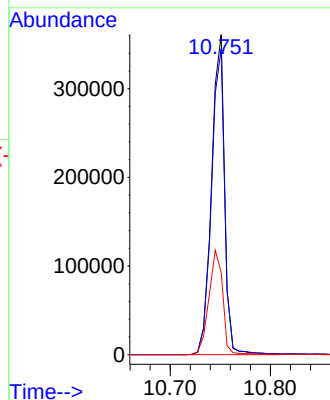
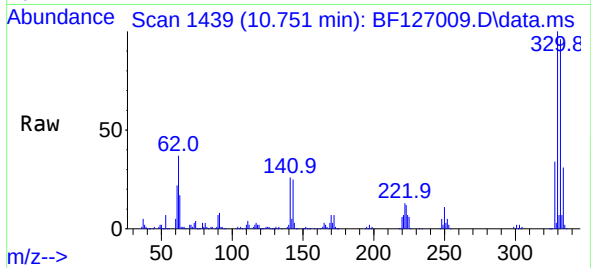
Tgt Ion:330 Resp: 326939

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 35.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.622 ng

RT: 9.274 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF127009.D

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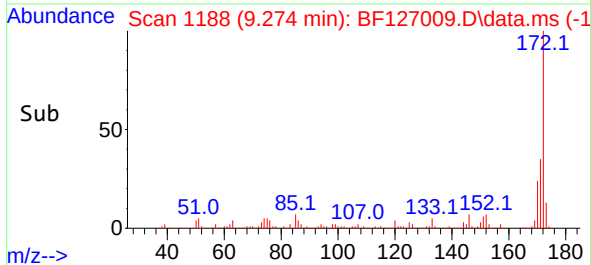
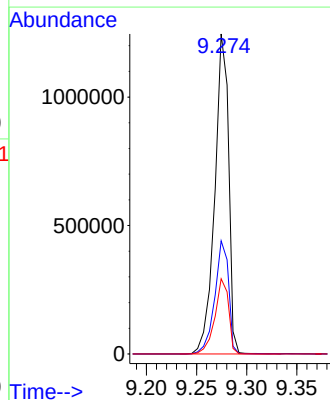
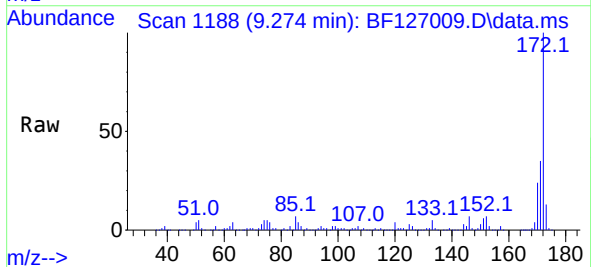
Tgt Ion:172 Resp: 1199307

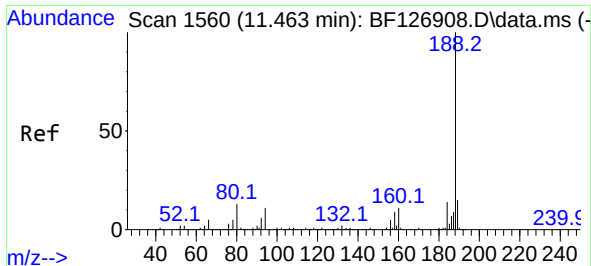
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6

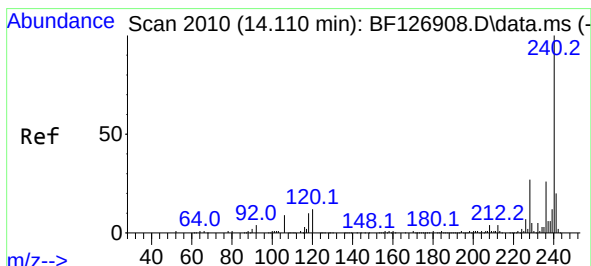
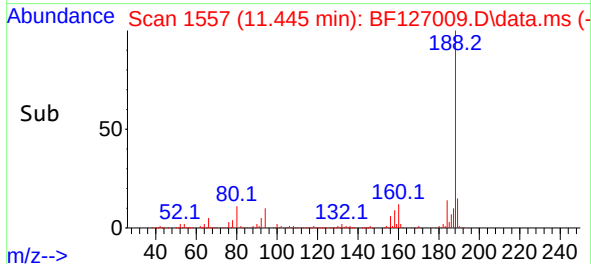
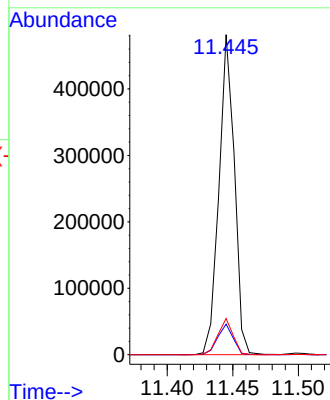
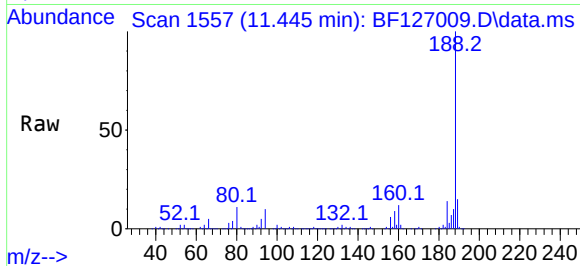




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

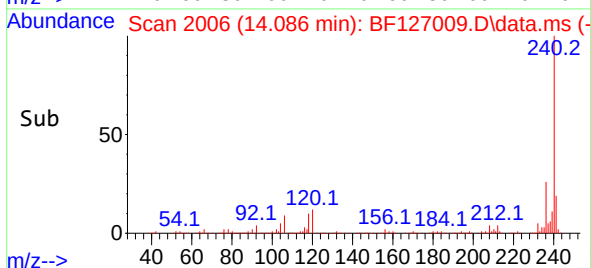
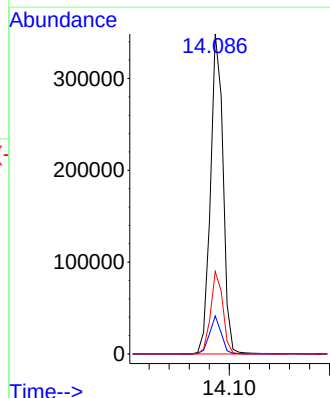
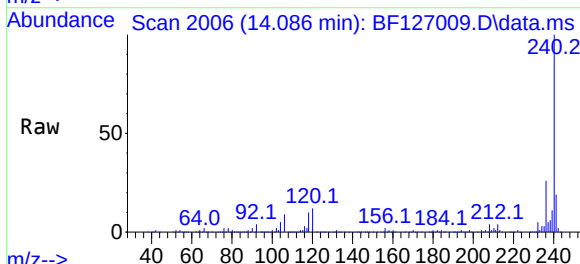
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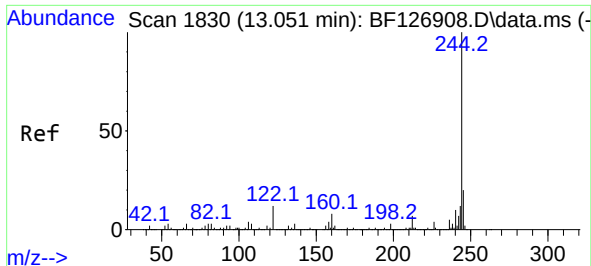
Tgt Ion:188 Resp: 393502  
Ion Ratio Lower Upper  
188 100  
94 9.5 10.1 15.1#  
80 11.3 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2006  
Delta R.T. -0.012 min  
Lab File: BF127009.D  
Acq: 22 Feb 2022 15:22

Tgt Ion:240 Resp: 305096  
Ion Ratio Lower Upper  
240 100  
120 11.9 14.4 21.6#  
236 25.8 20.5 30.7

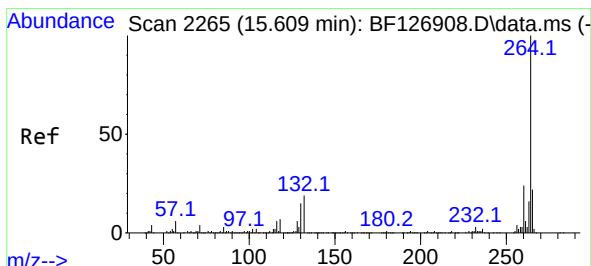
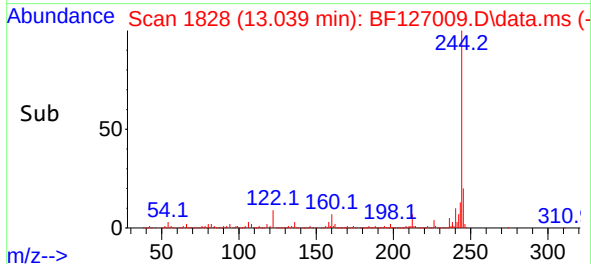
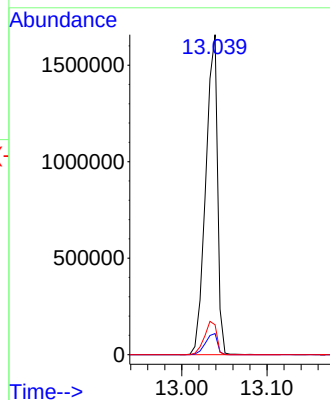
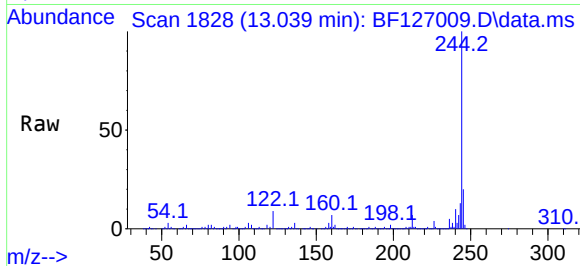




#79  
 Terphenyl-d14  
 Concen: 76.222 ng  
 RT: 13.039 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF127009.D  
 Acq: 22 Feb 2022 15:22

Instrument :  
 BNA\_F  
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 PB142832BL

Tgt Ion:244 Resp: 1581926  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.0 7.4  
 122 9.4 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.586 min Scan# 2261  
 Delta R.T. -0.006 min  
 Lab File: BF127009.D  
 Acq: 22 Feb 2022 15:22

Tgt Ion:264 Resp: 249843  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.2 28.8  
 265 20.9 17.4 26.2

