

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031622\  
 Data File : BF127365.D  
 Acq On : 16 Mar 2022 23:49  
 Operator : CG\JU  
 Sample : N1951-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-13-(20-25)-3-12-22

Quant Time: Mar 17 02:37:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 75358    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 281772   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.904  | 164  | 165209   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 297041   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 195712   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.527 | 264  | 159695   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 423537   | 90.350 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 573559   | 88.942 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.433  | 82   | 390004   | 57.161 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 150259   | 84.488 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 671888   | 57.497 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 728638   | 64.108 | ng    | -0.01    |

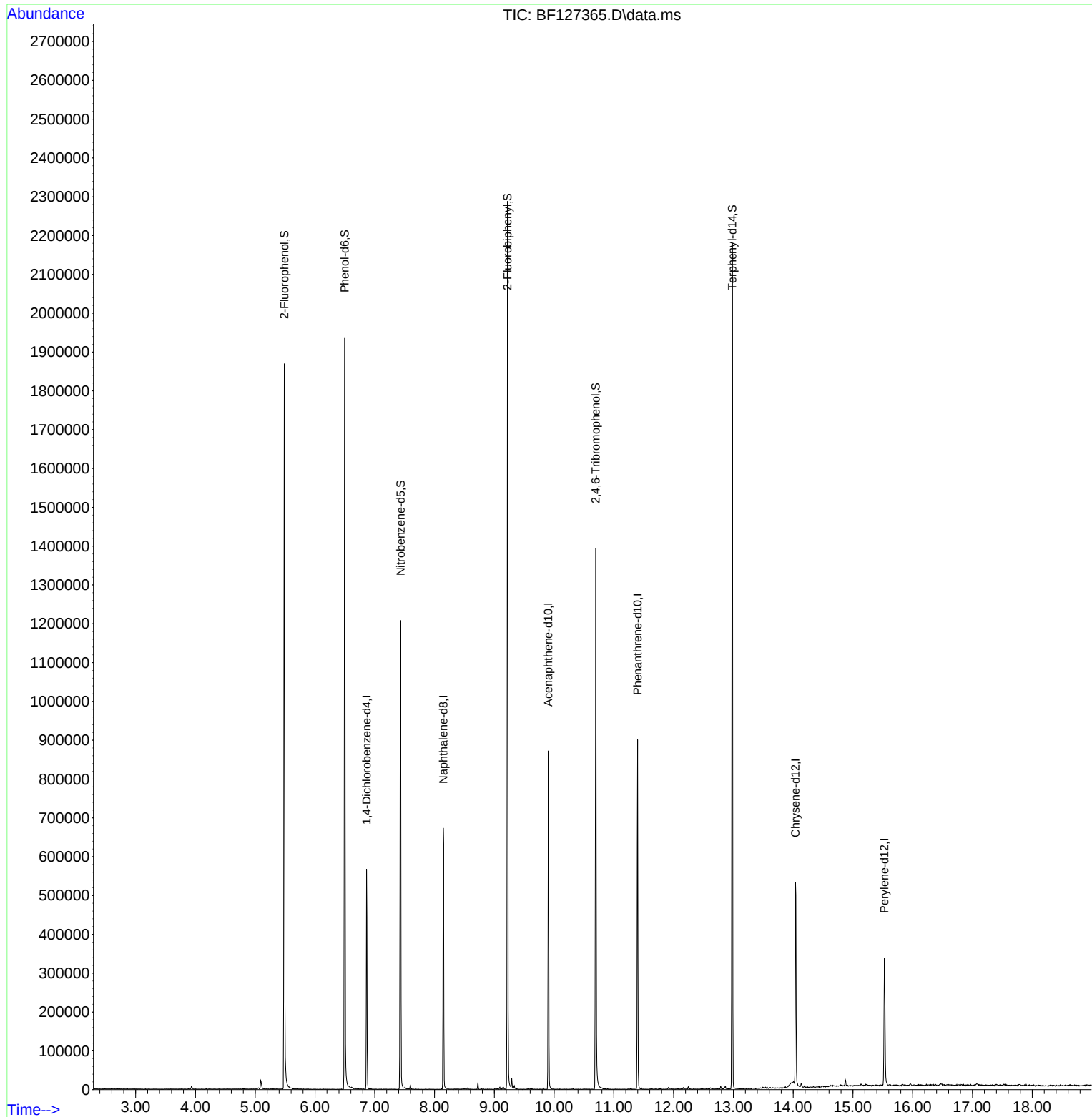
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

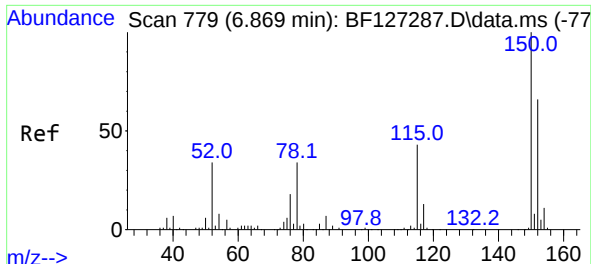
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 16:51:53 2022  
Response via : Initial Calibration

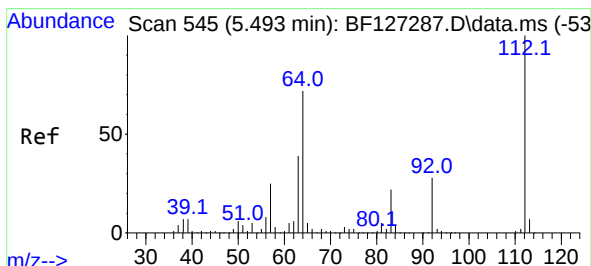
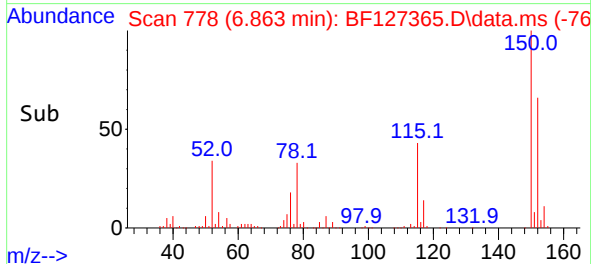
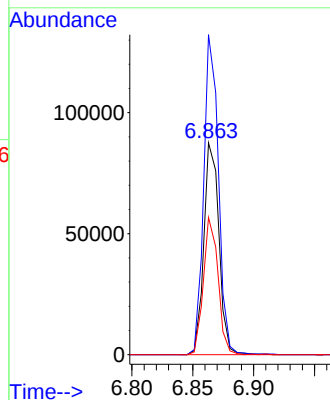
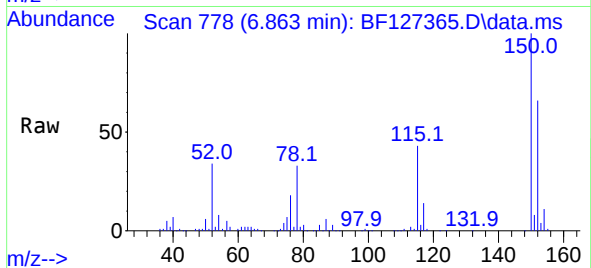




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

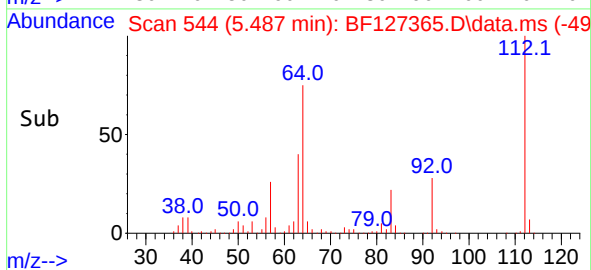
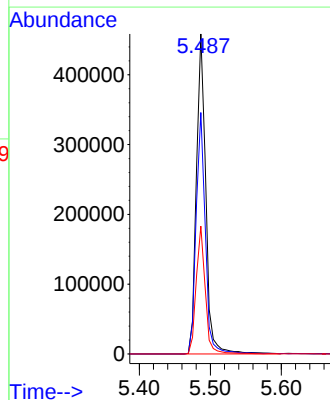
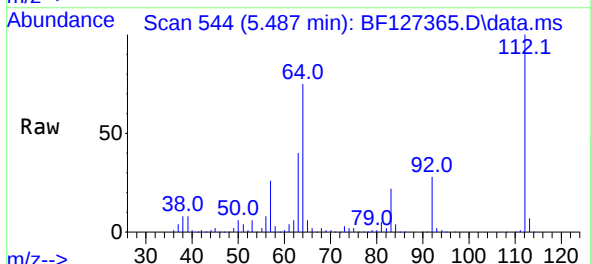
Instrument :  
BNA\_F  
ClientSampleId :  
DB-13-(20-25)-3-12-22

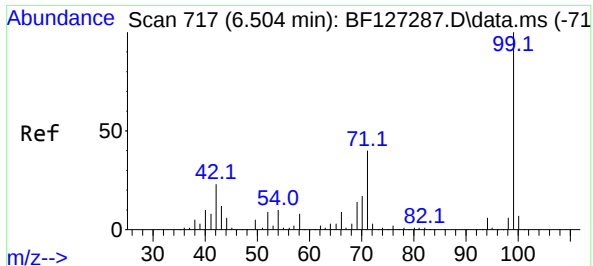
Tgt Ion:152 Resp: 75358  
Ion Ratio Lower Upper  
152 100  
150 151.1 128.1 192.1  
115 64.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 90.350 ng  
RT: 5.487 min Scan# 544  
Delta R.T. -0.006 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

Tgt Ion:112 Resp: 423537  
Ion Ratio Lower Upper  
112 100  
64 75.5 49.5 74.3#  
63 39.9 23.9 35.9#

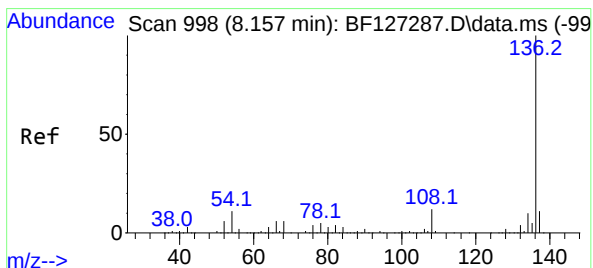
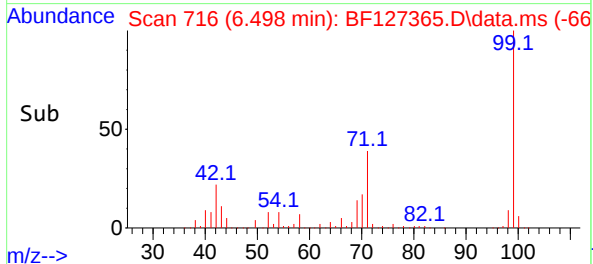
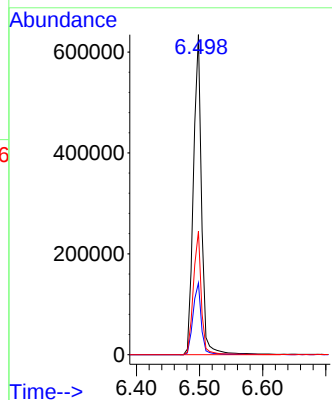
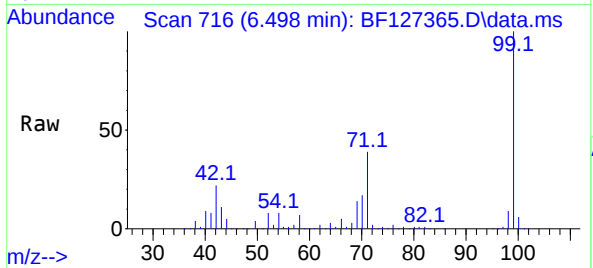




#7  
Phenol-d6  
Concen: 88.942 ng  
RT: 6.498 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

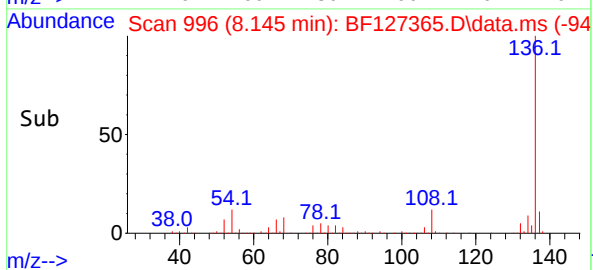
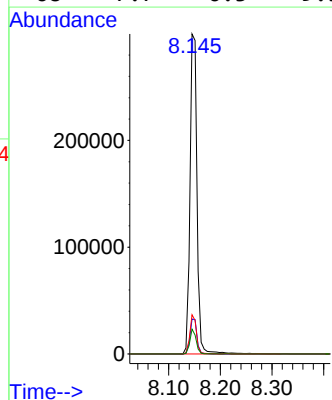
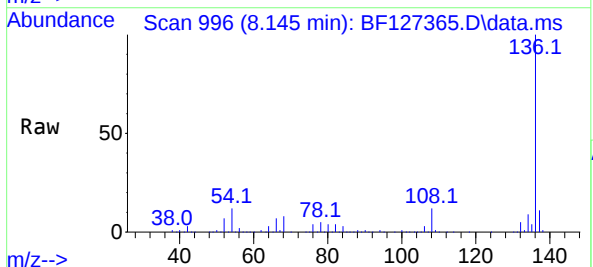
Instrument :  
BNA\_F  
ClientSampleId :  
DB-13-(20-25)-3-12-22

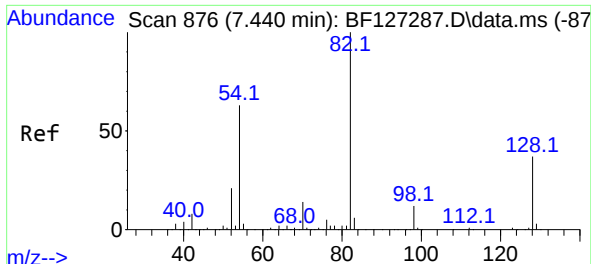
Tgt Ion: 99 Resp: 573559  
Ion Ratio Lower Upper  
99 100  
42 22.4 14.2 21.4#  
71 38.6 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

Tgt Ion: 136 Resp: 281772  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 12.2 7.8 11.6#  
68 7.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 57.161 ng

RT: 7.433 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Instrument :

BNA\_F

ClientSampleId :

DB-13-(20-25)-3-12-22

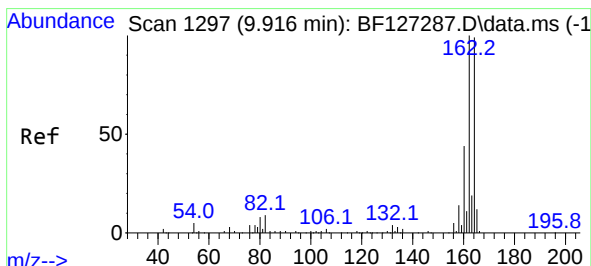
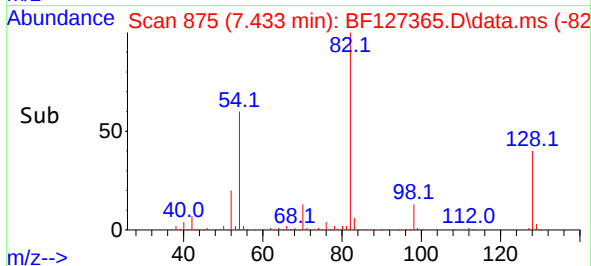
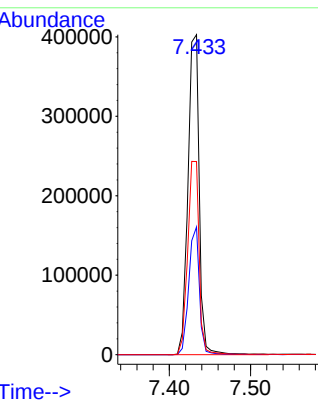
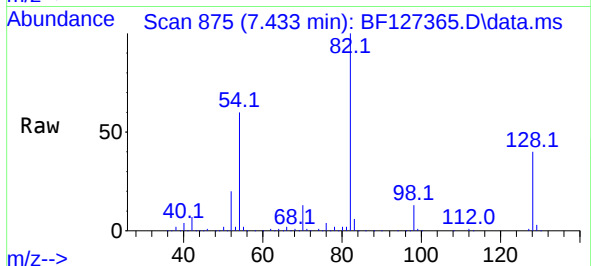
Tgt Ion: 82 Resp: 390004

Ion Ratio Lower Upper

82 100

128 39.9 32.7 49.1

54 60.3 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

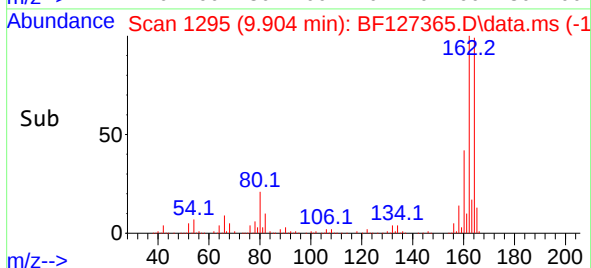
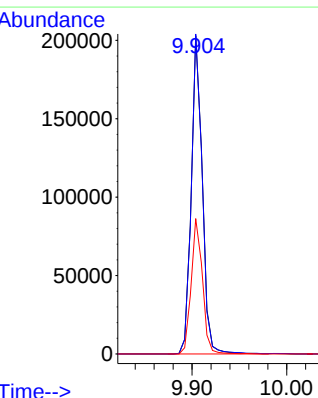
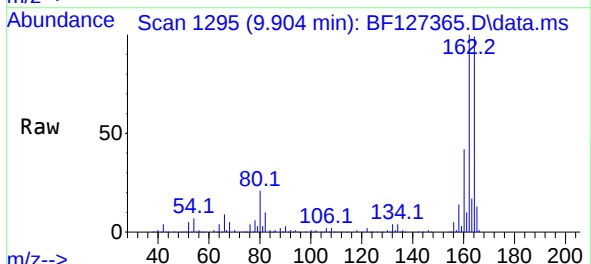
Tgt Ion: 164 Resp: 165209

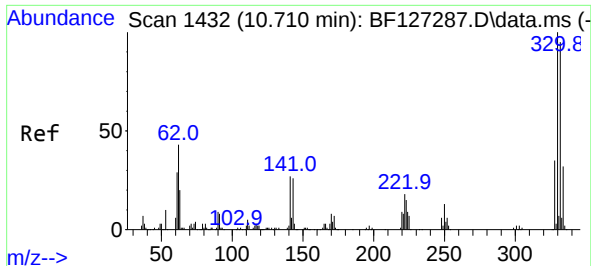
Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 42.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 84.488 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Instrument :

BNA\_F

ClientSampleId :

DB-13-(20-25)-3-12-22

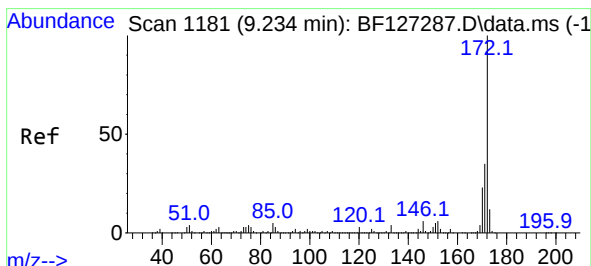
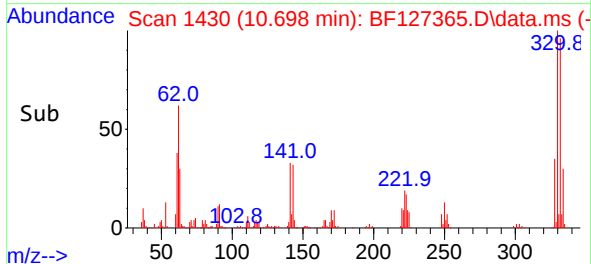
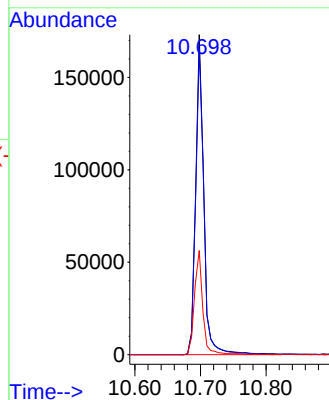
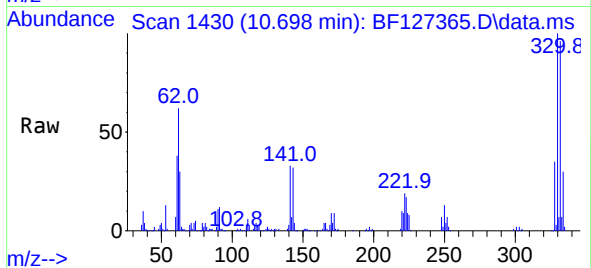
Tgt Ion:330 Resp: 150259

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.497 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

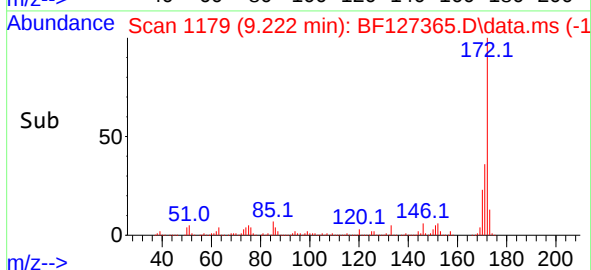
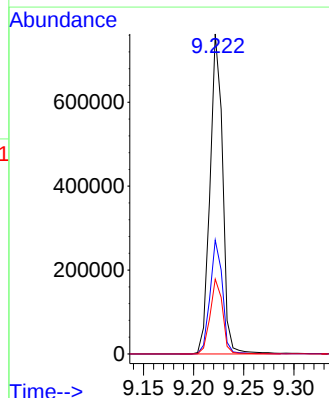
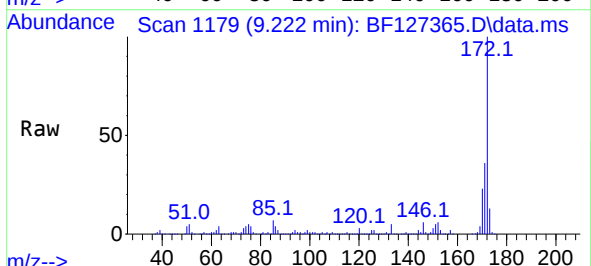
Tgt Ion:172 Resp: 671888

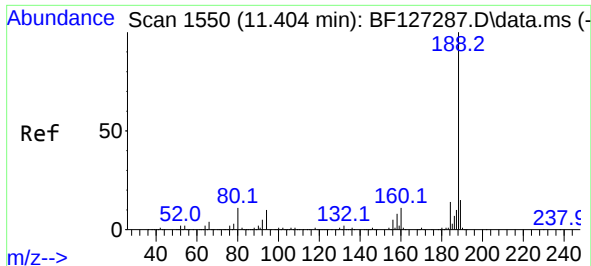
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.0 28.6

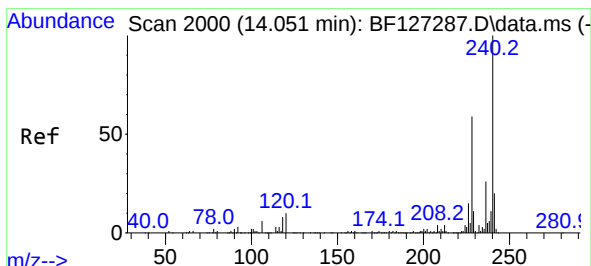
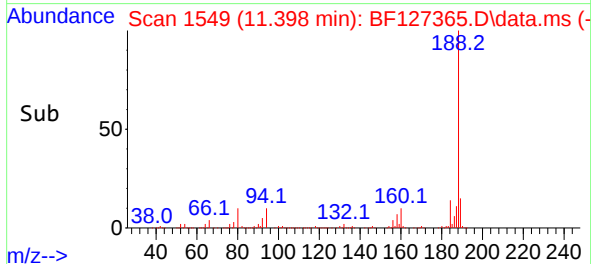
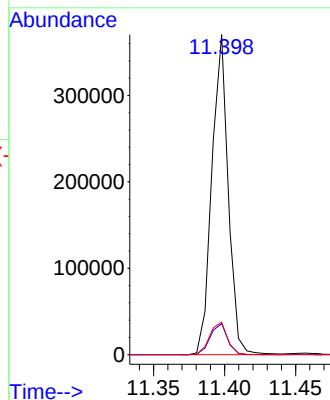
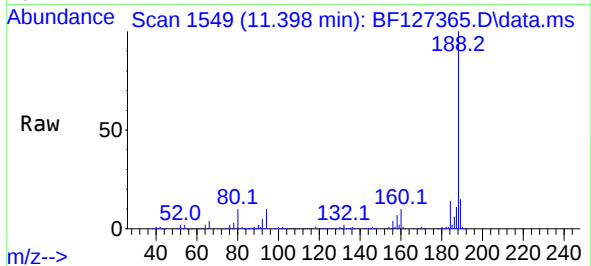




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

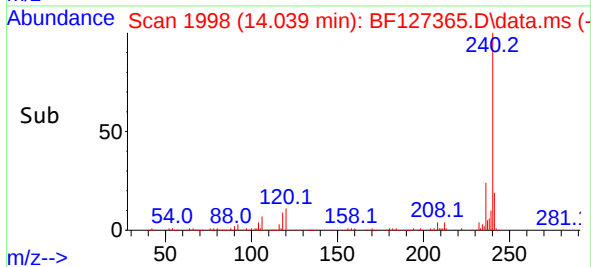
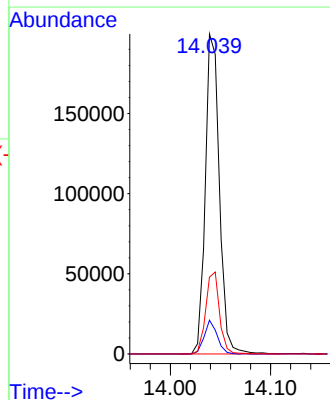
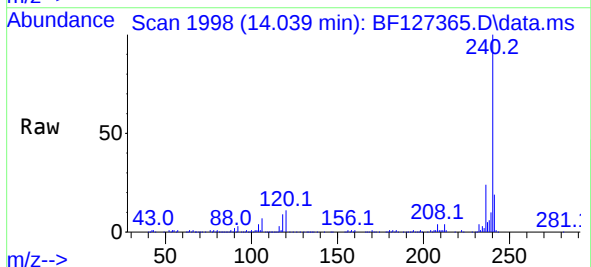
Instrument :  
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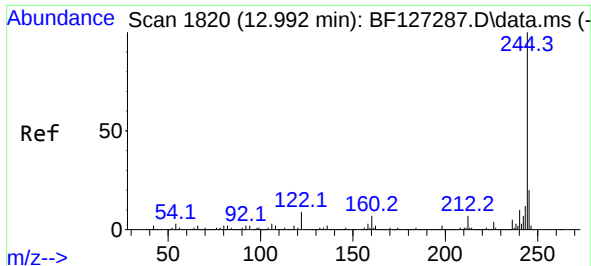
Tgt Ion:188 Resp: 297041  
Ion Ratio Lower Upper  
188 100  
94 9.7 10.1 15.1#  
80 10.2 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF127365.D  
Acq: 16 Mar 2022 23:49

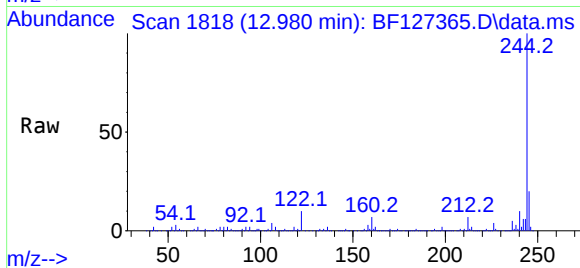
Tgt Ion:240 Resp: 195712  
Ion Ratio Lower Upper  
240 100  
120 10.6 14.4 21.6#  
236 24.0 20.5 30.7



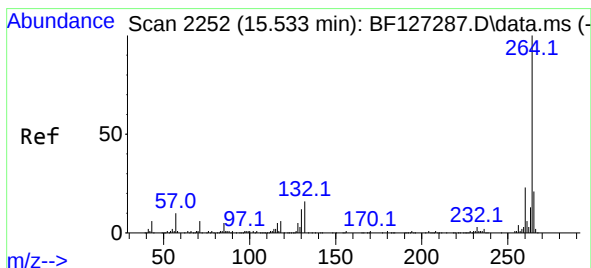
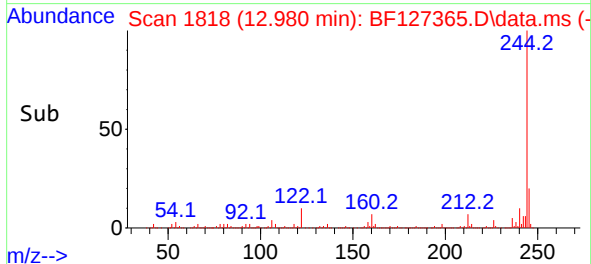
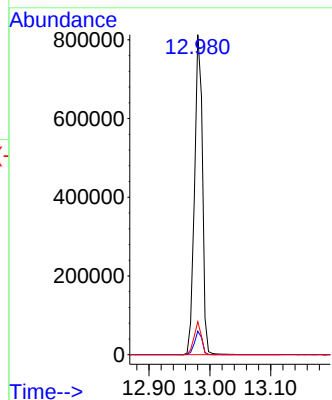


#79  
 Terphenyl-d14  
 Concen: 64.108 ng  
 RT: 12.980 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF127365.D  
 Acq: 16 Mar 2022 23:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-13-(20-25)-3-12-22



Tgt Ion:244 Resp: 728638  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.0 7.4  
 122 10.3 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2251  
 Delta R.T. -0.006 min  
 Lab File: BF127365.D  
 Acq: 16 Mar 2022 23:49

Tgt Ion:264 Resp: 159695  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.2 28.8  
 265 21.0 17.4 26.2

