

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030822\  
 Data File : BF127256.D  
 Acq On : 08 Mar 2022 14:04  
 Operator : CG\JU  
 Sample : N1763-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-18-SAMPLE-LOCATION-9

Quant Time: Mar 08 16:05:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 02:16:58 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 100964   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 407751   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 202560   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 315655   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 168999   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.557 | 264  | 179679   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 565022   | 86.495 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 744002   | 84.406 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 516883   | 57.218 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 202963   | 87.026 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 797626   | 57.969 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 585341   | 50.916 | ng    | 0.00     |

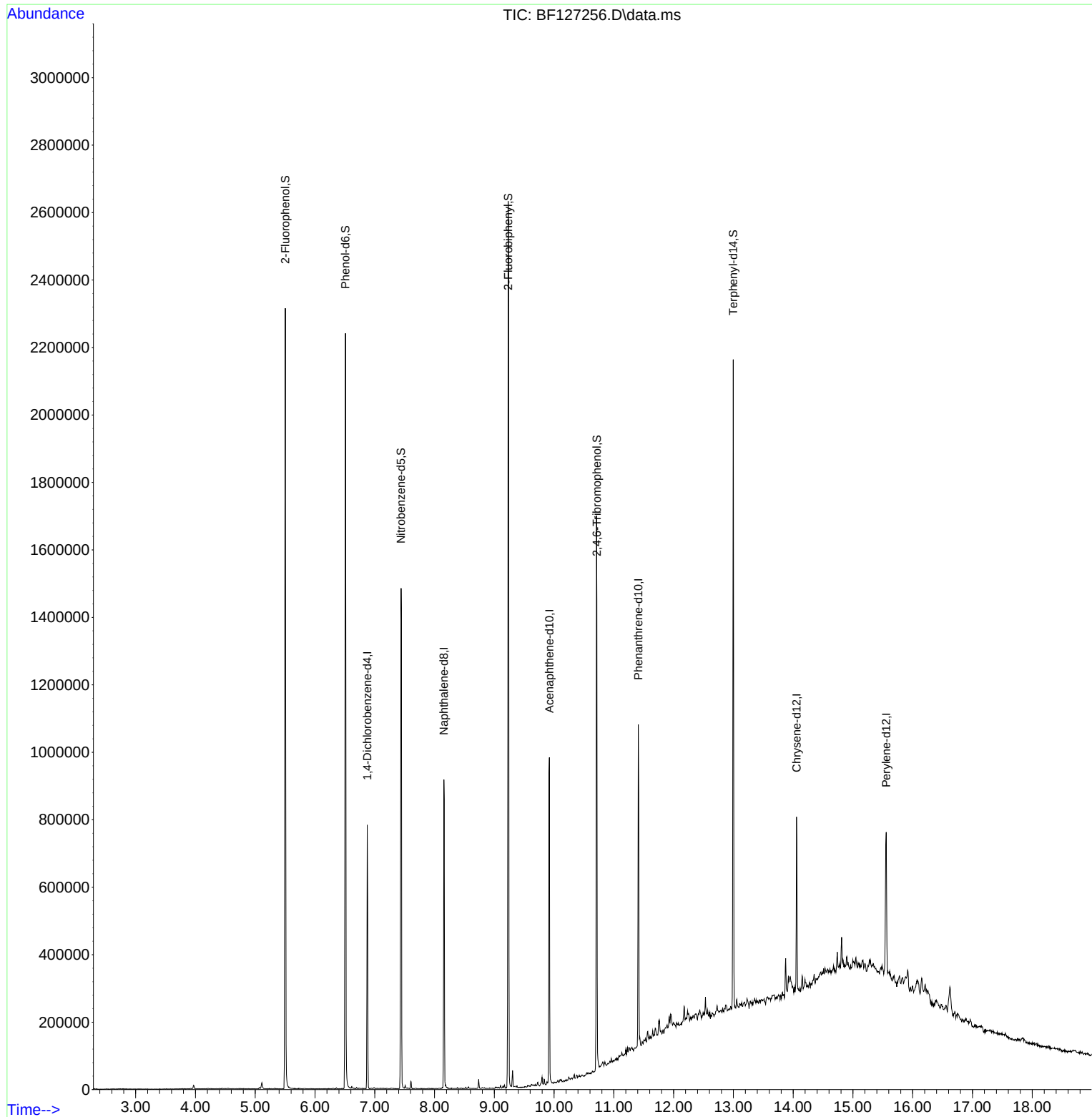
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

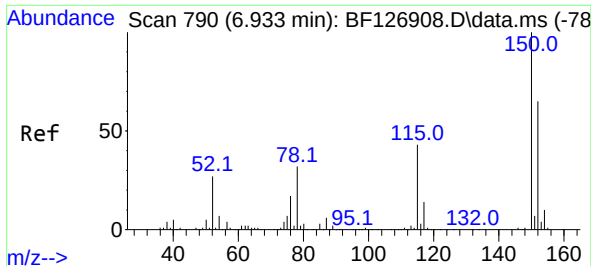
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 05 02:16:58 2022  
Response via : Initial Calibration

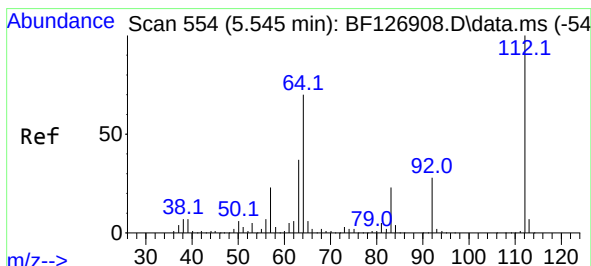
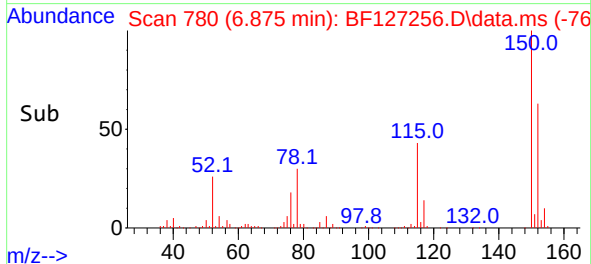
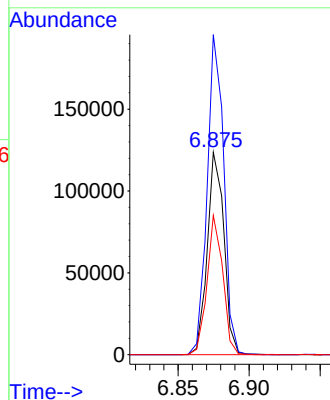
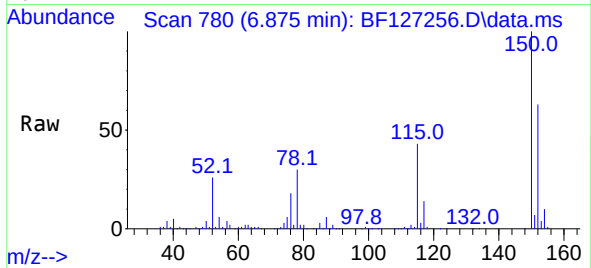




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF127256.D  
 Acq: 08 Mar 2022 14:04

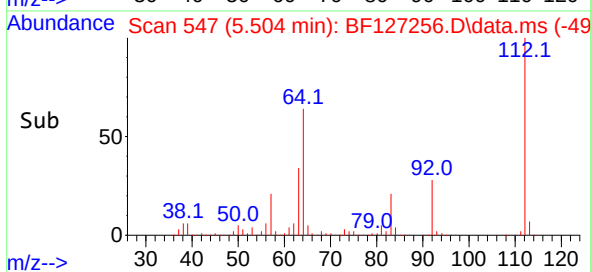
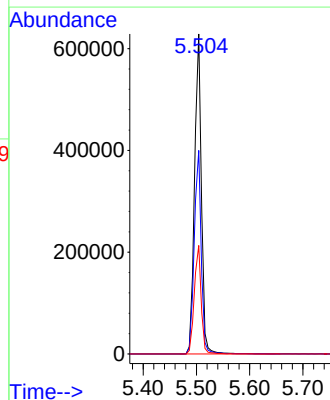
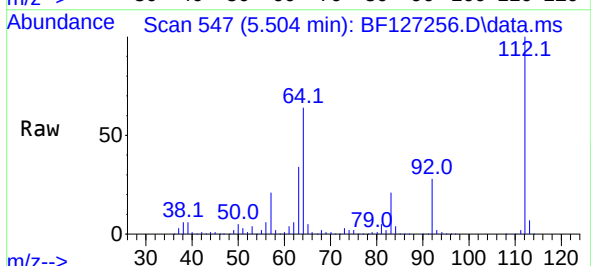
Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-18-SAMPLE-LOCATION-9

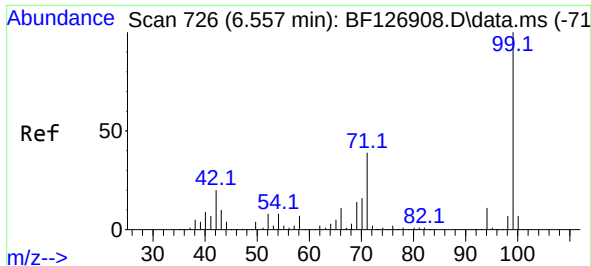
Tgt Ion:152 Resp: 100964  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 128.1 192.1  
 115 68.8 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 86.495 ng  
 RT: 5.504 min Scan# 547  
 Delta R.T. 0.006 min  
 Lab File: BF127256.D  
 Acq: 08 Mar 2022 14:04

Tgt Ion:112 Resp: 565022  
 Ion Ratio Lower Upper  
 112 100  
 64 63.6 49.5 74.3  
 63 33.9 23.9 35.9

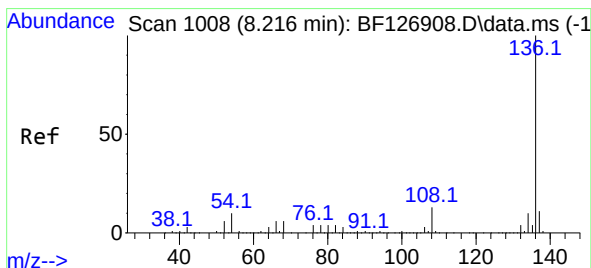
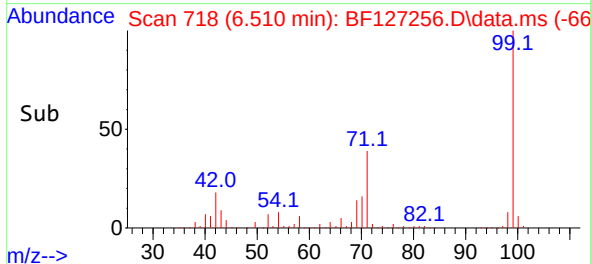
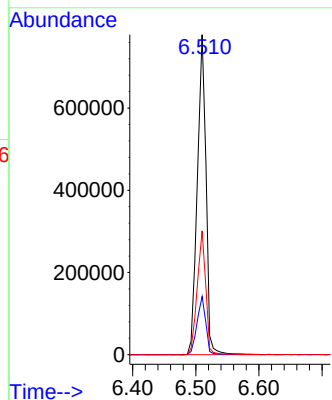
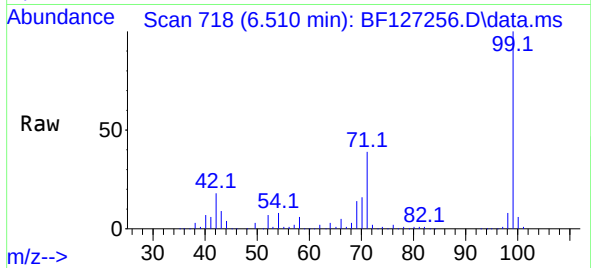




#7  
Phenol-d6  
Concen: 84.406 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

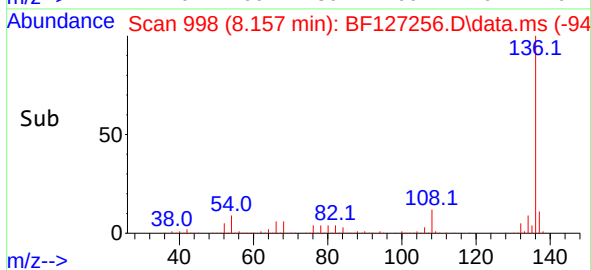
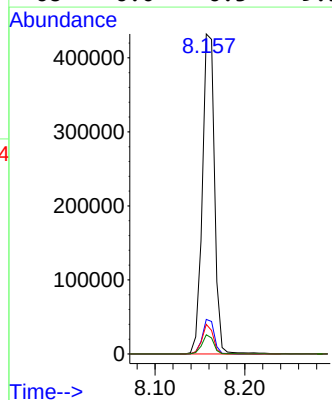
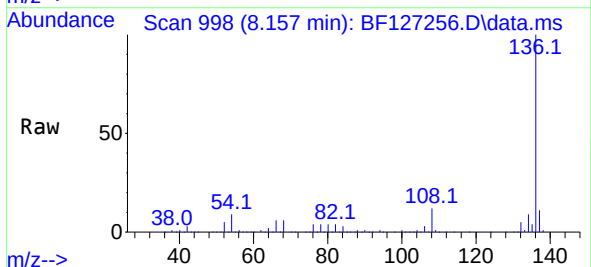
Instrument :  
BNA\_F  
ClientSampleId :  
17-18-SAMPLE-LOCATION-9

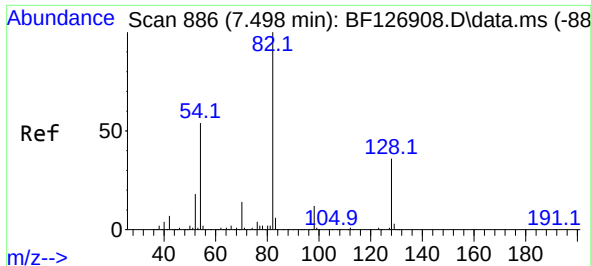
Tgt Ion: 99 Resp: 744002  
Ion Ratio Lower Upper  
99 100  
42 18.2 14.2 21.4  
71 38.7 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

Tgt Ion: 136 Resp: 407751  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.2 7.8 11.6  
68 6.0 6.3 9.5#

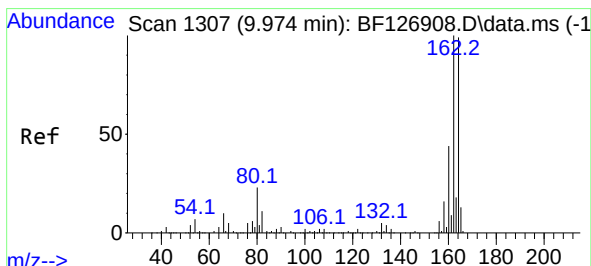
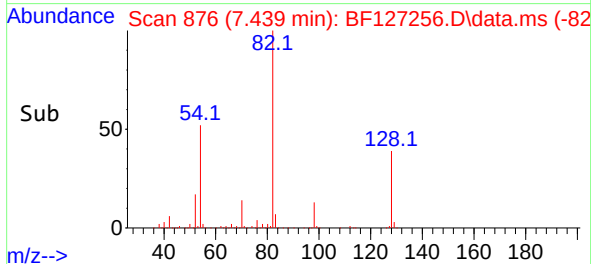
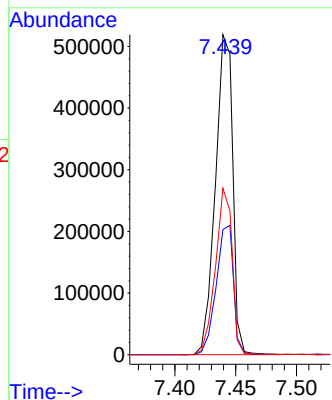
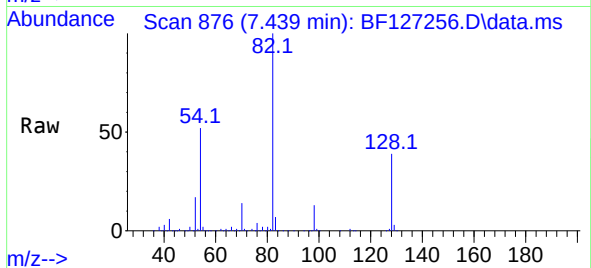




#23  
Nitrobenzene-d5  
Concen: 57.218 ng  
RT: 7.439 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

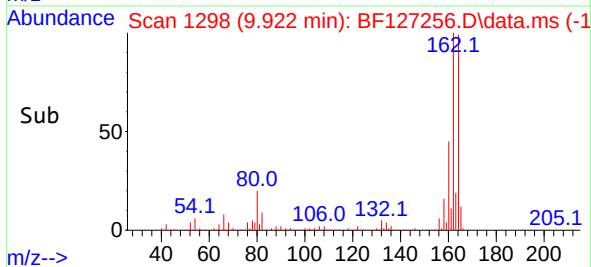
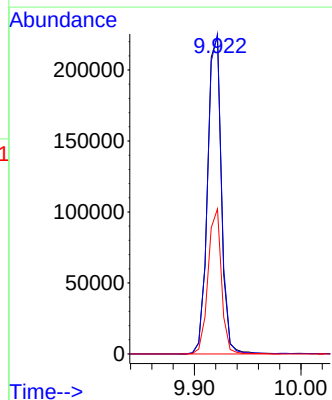
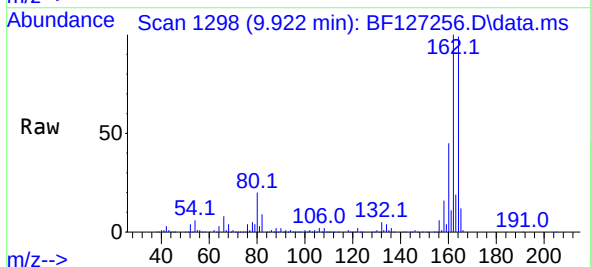
Instrument :  
BNA\_F  
ClientSampleId :  
17-18-SAMPLE-LOCATION-9

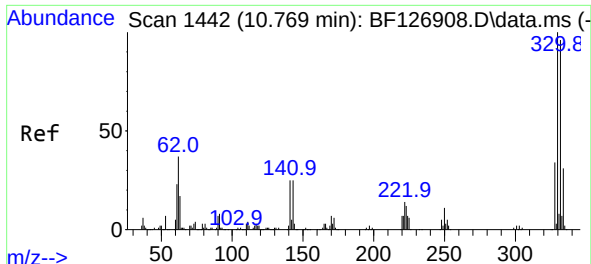
Tgt Ion: 82 Resp: 516883  
Ion Ratio Lower Upper  
82 100  
128 39.1 32.7 49.1  
54 52.0 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

Tgt Ion:164 Resp: 202560  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.4 122.0  
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 87.026 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

Instrument :

BNA\_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

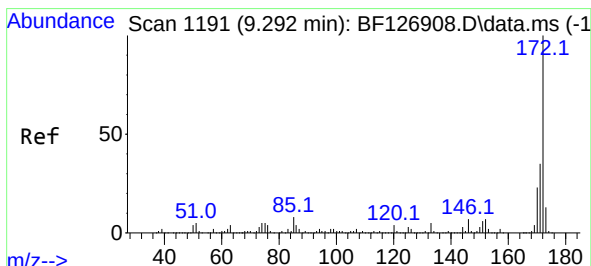
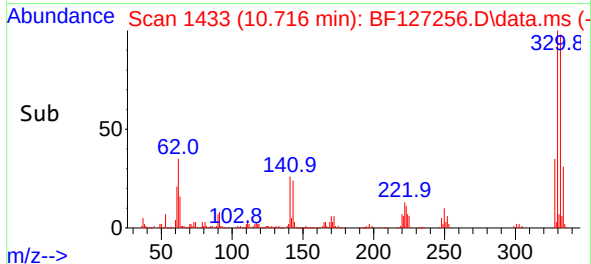
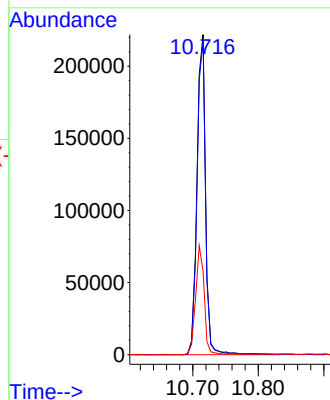
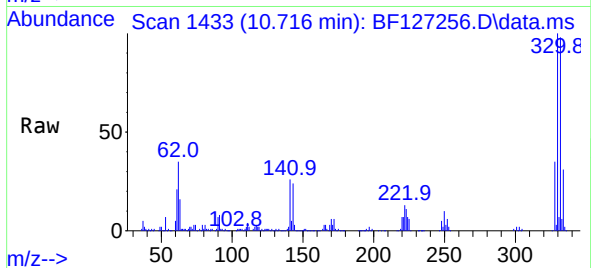
Tgt Ion:330 Resp: 202963

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.969 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

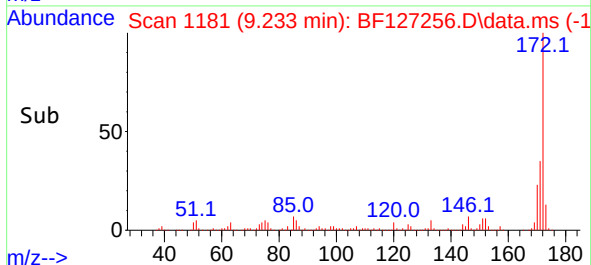
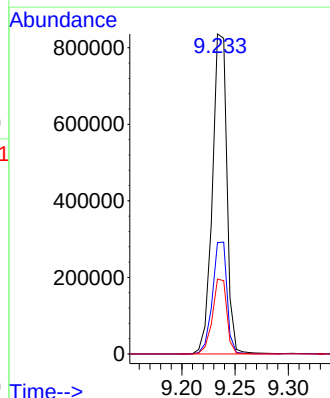
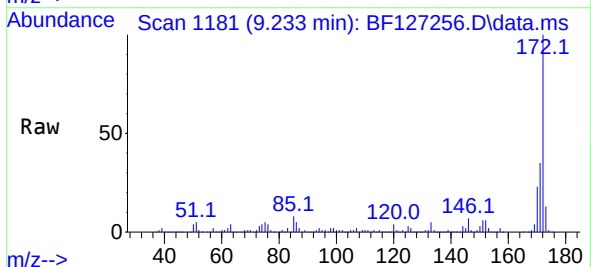
Tgt Ion:172 Resp: 797626

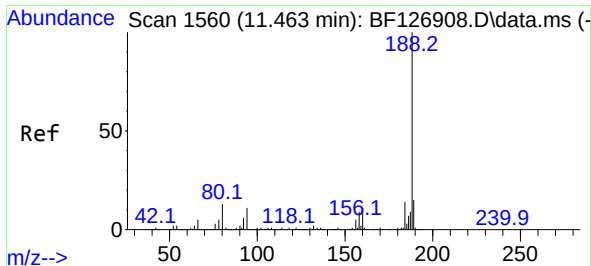
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6

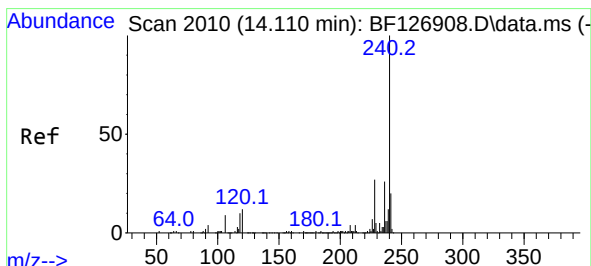
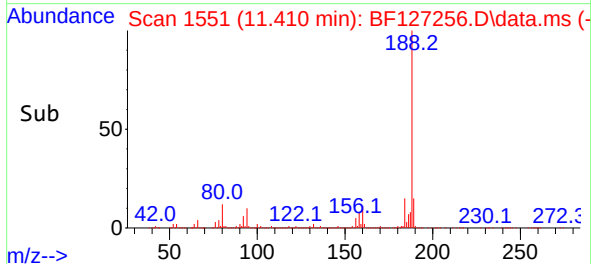
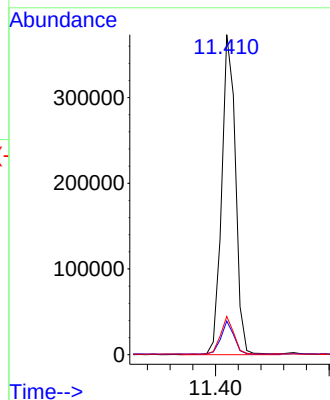
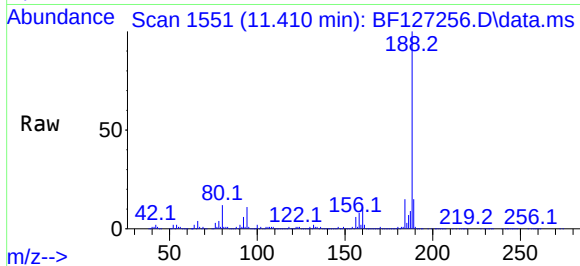




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

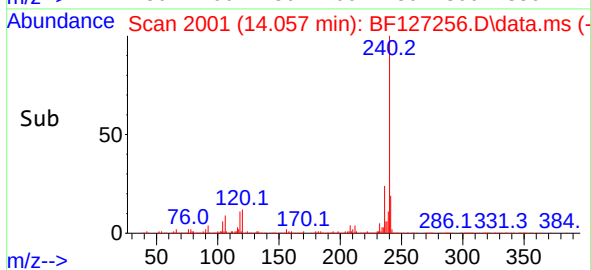
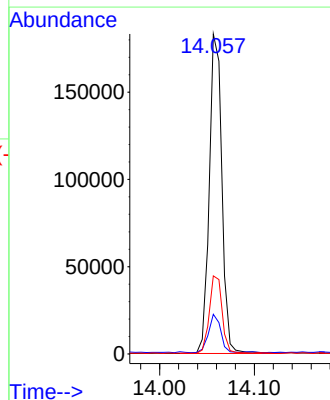
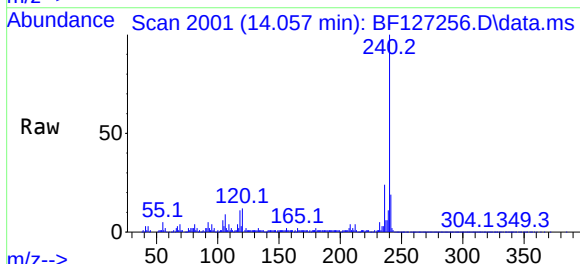
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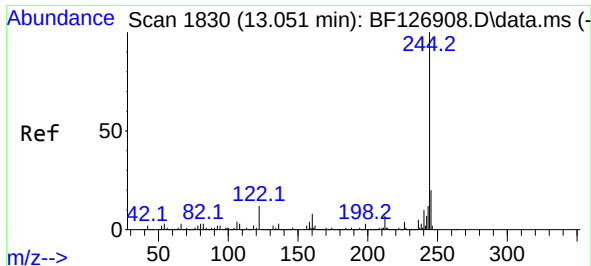
Tgt Ion:188 Resp: 315655  
Ion Ratio Lower Upper  
188 100  
94 10.5 10.1 15.1  
80 12.0 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BF127256.D  
Acq: 08 Mar 2022 14:04

Tgt Ion:240 Resp: 168999  
Ion Ratio Lower Upper  
240 100  
120 12.4 14.4 21.6#  
236 24.4 20.5 30.7

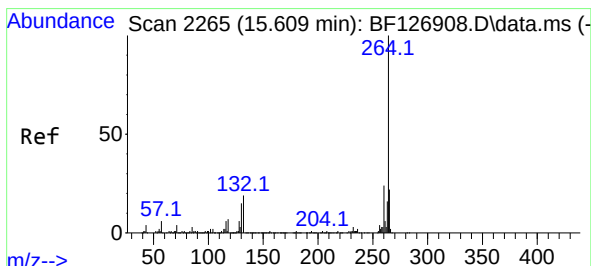
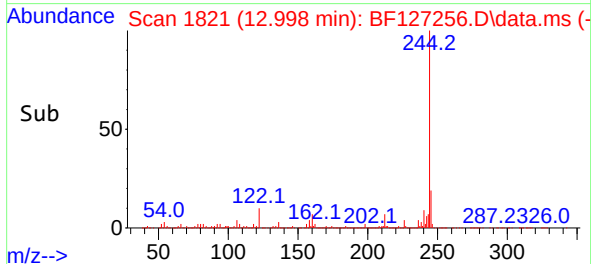
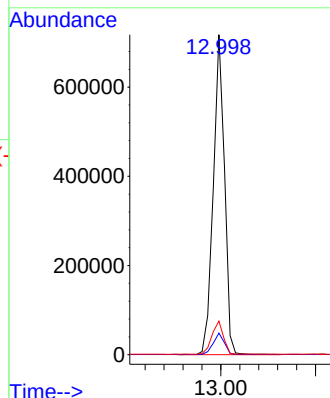
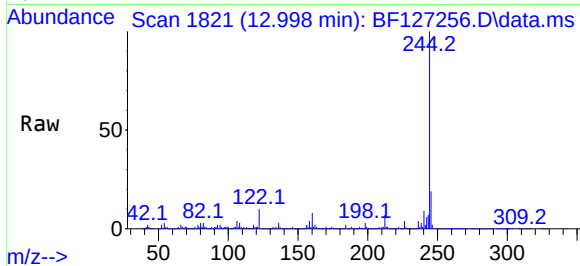




#79  
 Terphenyl-d14  
 Concen: 50.916 ng  
 RT: 12.998 min Scan# 1830  
 Delta R.T. -0.000 min  
 Lab File: BF127256.D  
 Acq: 08 Mar 2022 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-18-SAMPLE-LOCATION-9

Tgt Ion:244 Resp: 585341  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.0 7.4  
 122 10.5 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2256  
 Delta R.T. 0.012 min  
 Lab File: BF127256.D  
 Acq: 08 Mar 2022 14:04

Tgt Ion:264 Resp: 179679  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 20.5 17.4 26.2

