

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012822\  
 Data File : BF126737.D  
 Acq On : 29 Jan 2022 00:42  
 Operator : CG/JU  
 Sample : N1316-01 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-012722

Quant Time: Jan 29 02:32:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 27 03:09:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.957  | 152  | 161041   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 566570   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.998  | 164  | 261802   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.492 | 188  | 416080   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.139 | 240  | 379834   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.663 | 264  | 264016   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.569  | 112  | 520482   | 42.530 | ng    | 0.00     |
| 7) Phenol-d6                | 6.569  | 99   | 665933   | 39.165 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 437704   | 30.238 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330  | 89756    | 36.634 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 515078   | 30.131 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.080 | 244  | 503344   | 22.227 | ng    | 0.00     |

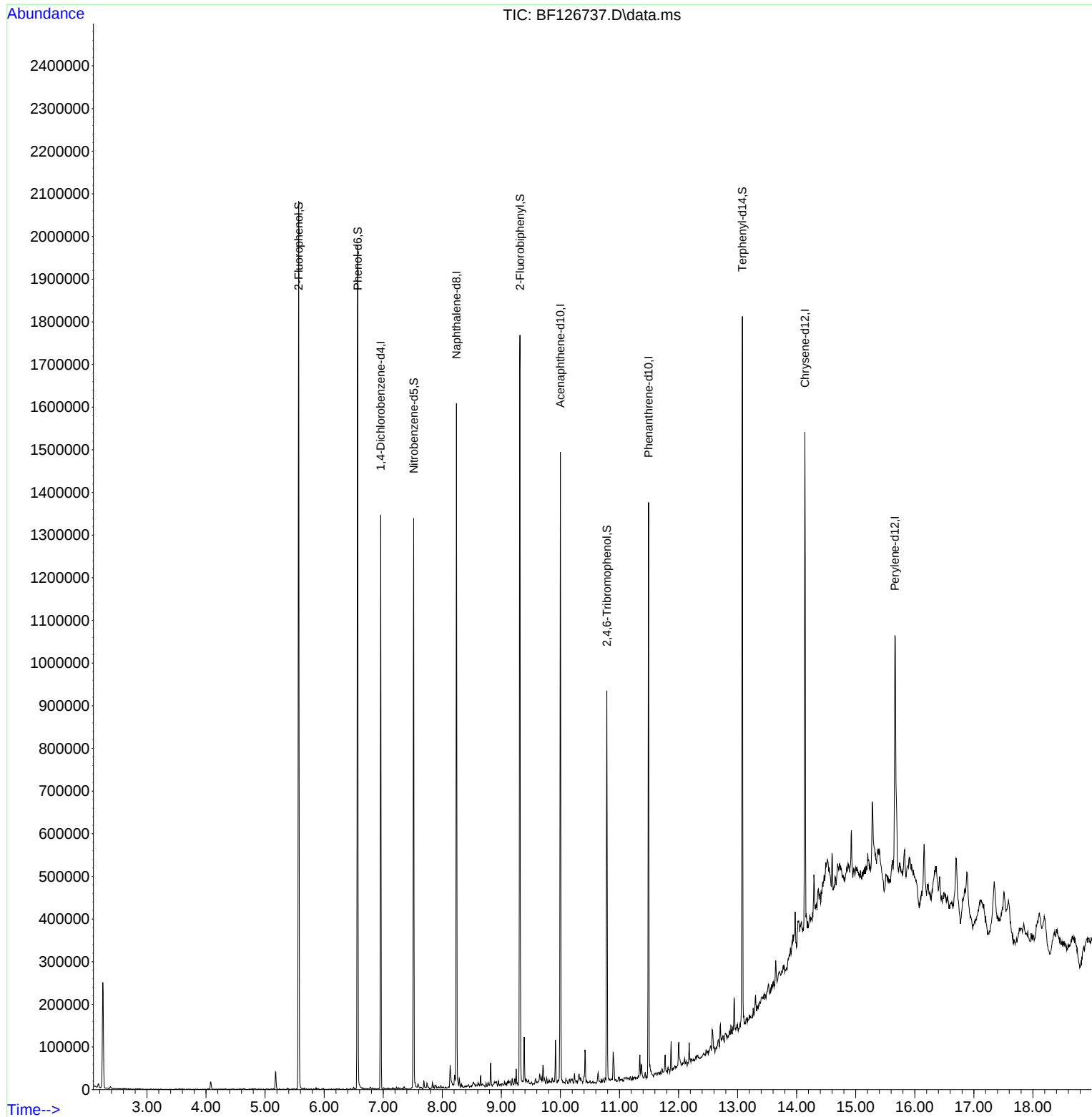
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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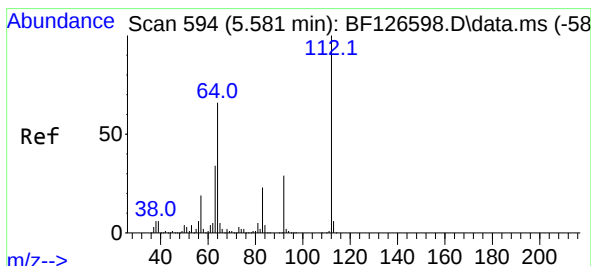
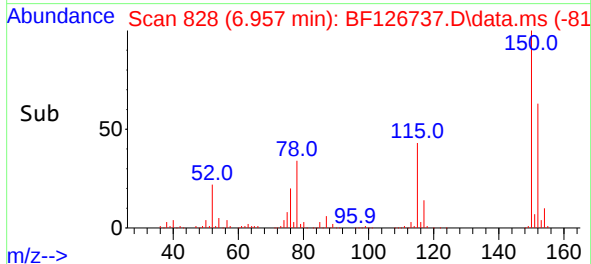
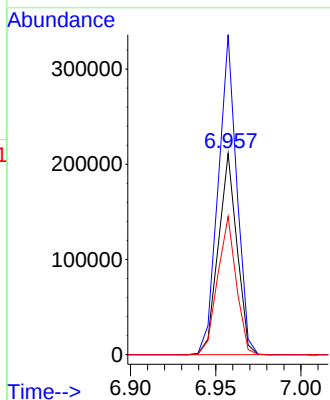
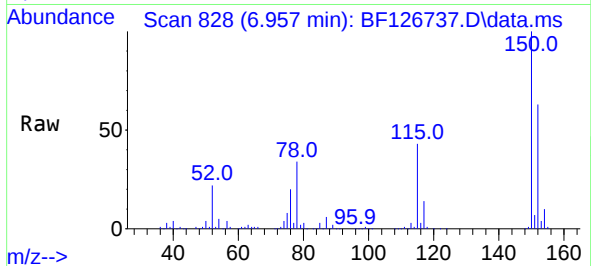




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

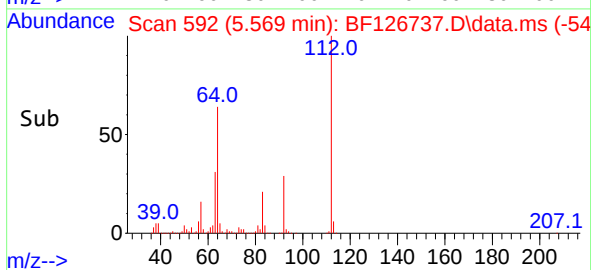
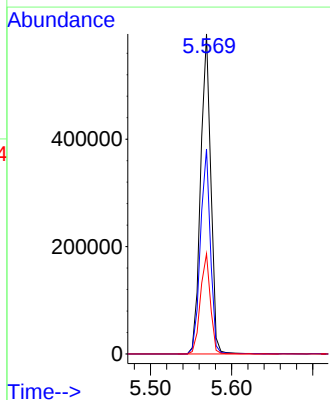
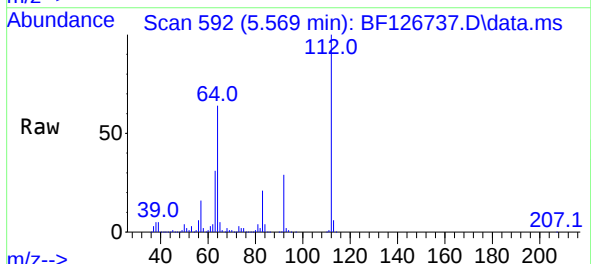
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BNA\_F  
ClientSampleId :  
TR-05-012722

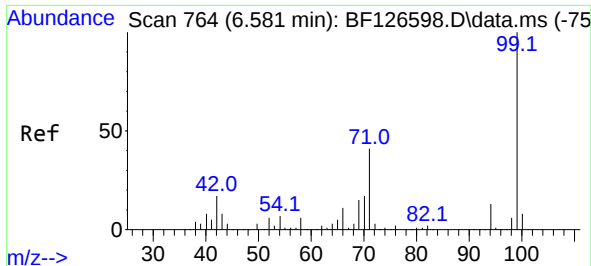
Tgt Ion:152 Resp: 161041  
Ion Ratio Lower Upper  
152 100  
150 159.0 128.1 192.1  
115 68.7 56.7 85.1



#5  
2-Fluorophenol  
Concen: 42.530 ng  
RT: 5.569 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

Tgt Ion:112 Resp: 520482  
Ion Ratio Lower Upper  
112 100  
64 64.0 49.5 74.3  
63 31.3 23.9 35.9

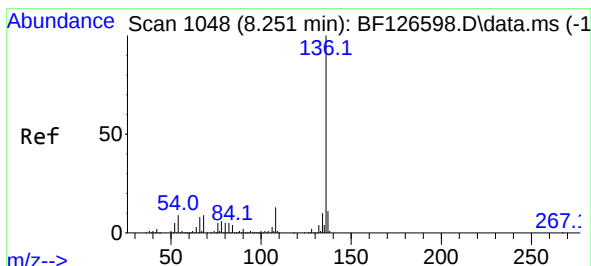
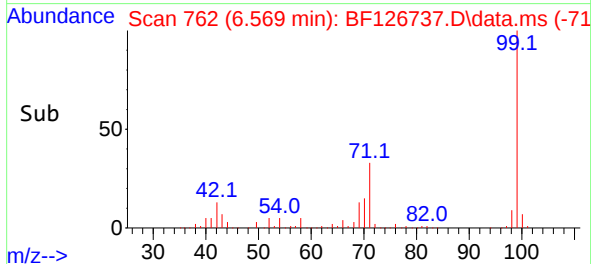
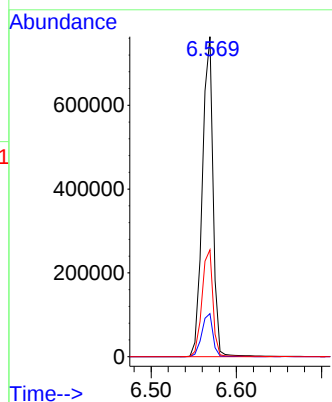
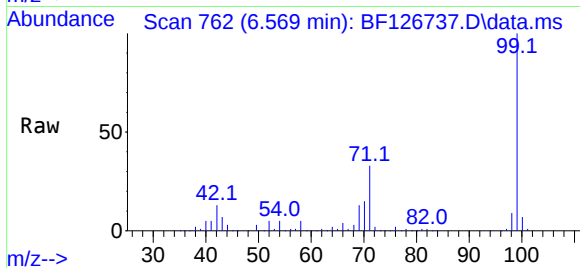




#7  
Phenol-d6  
Concen: 39.165 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

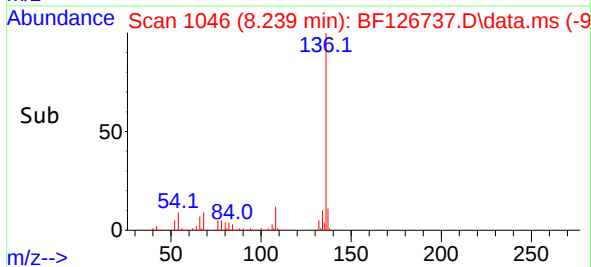
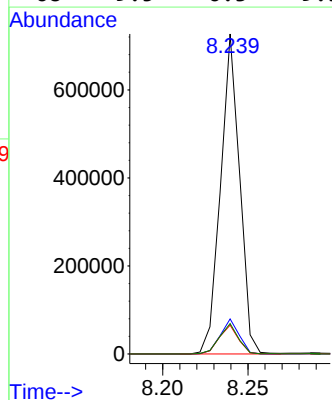
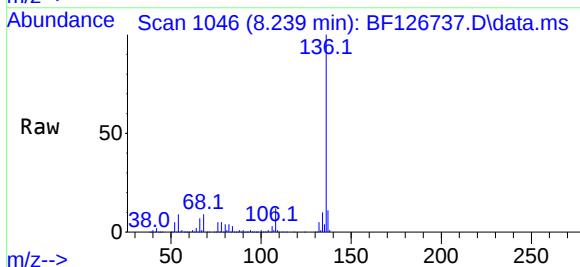
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-012722

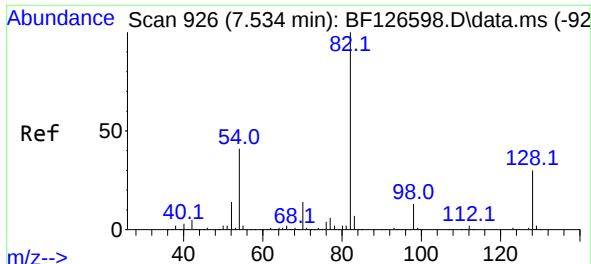
Tgt Ion: 99 Resp: 665933  
Ion Ratio Lower Upper  
99 100  
42 13.5 14.2 21.4#  
71 33.4 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

Tgt Ion: 136 Resp: 566570  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.0 7.8 11.6  
68 9.5 6.3 9.5#

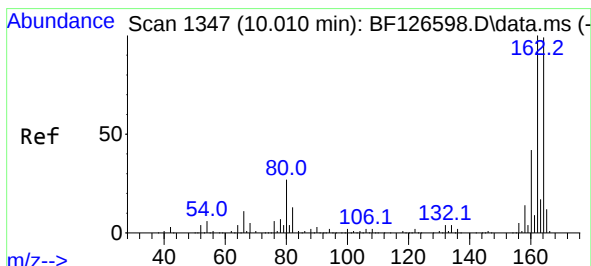
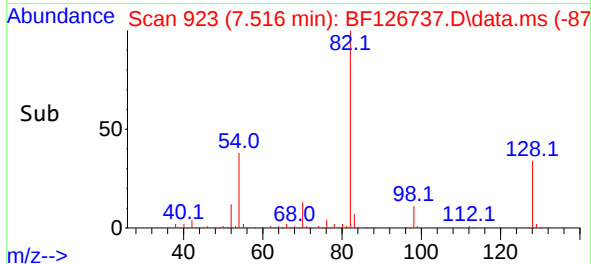
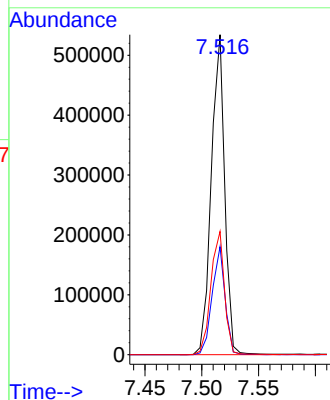
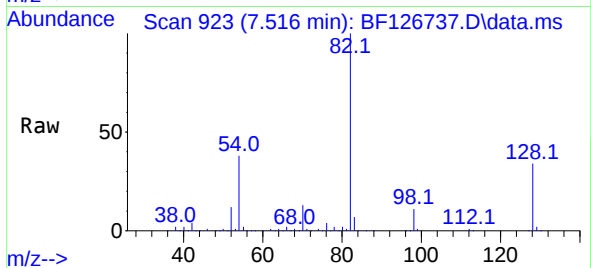




#23  
Nitrobenzene-d5  
Concen: 30.238 ng  
RT: 7.516 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

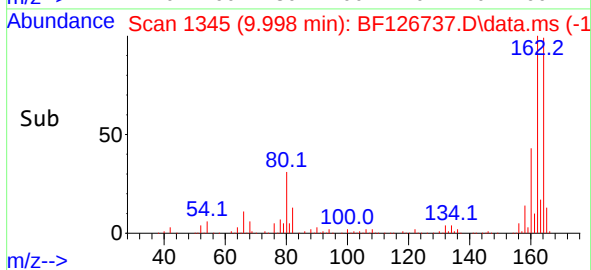
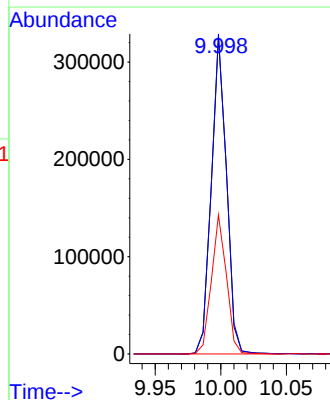
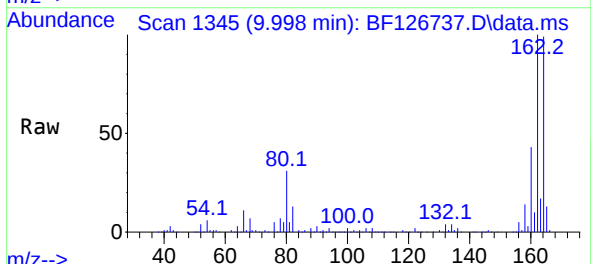
Instrument :  
BNA\_F  
ClientSampleId :  
TR-05-012722

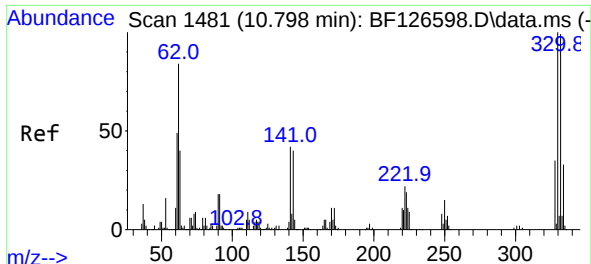
Tgt Ion: 82 Resp: 437704  
Ion Ratio Lower Upper  
82 100  
128 33.8 32.7 49.1  
54 38.5 41.7 62.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

Tgt Ion:164 Resp: 261802  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.4 122.0  
160 43.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 36.634 ng

RT: 10.786 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126737.D

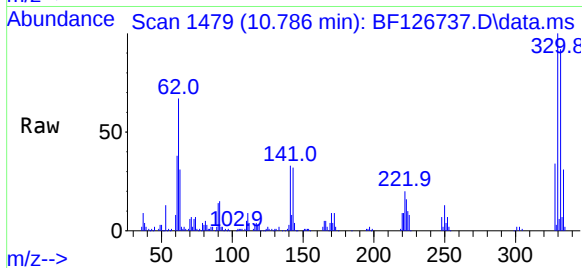
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Instrument :

BNA\_F

ClientSampleId :

TR-05-012722



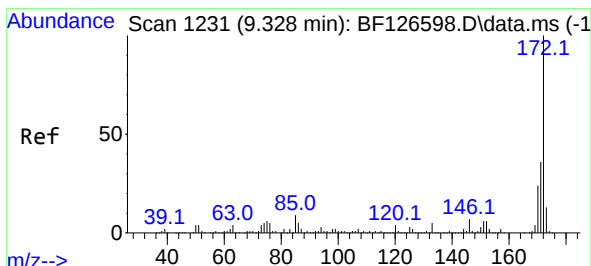
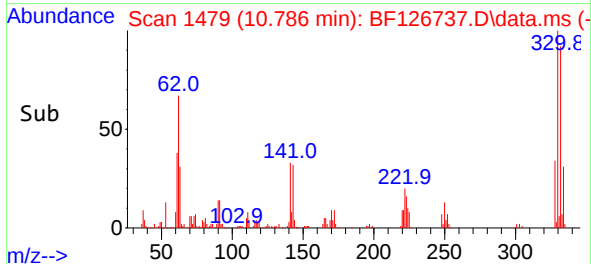
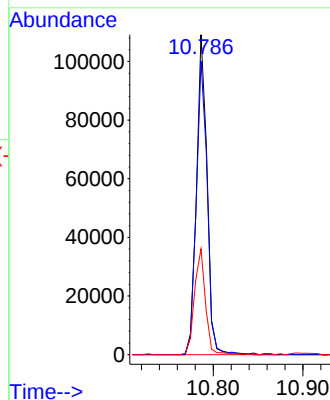
Tgt Ion:330 Resp: 89756

Ion Ratio Lower Upper

330 100

332 94.1 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 30.131 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

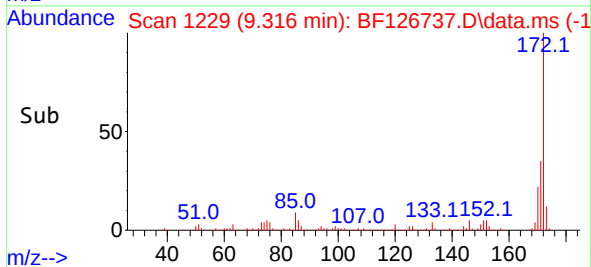
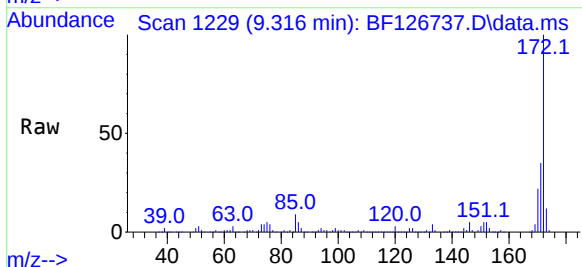
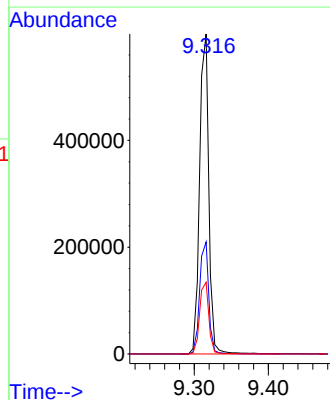
Tgt Ion:172 Resp: 515078

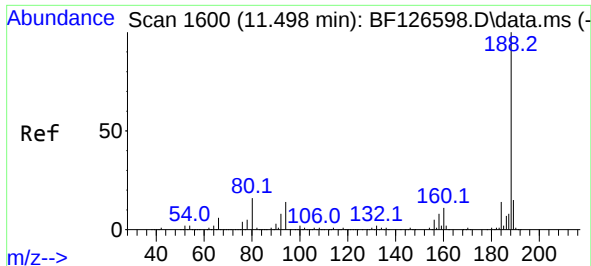
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.4 19.0 28.6

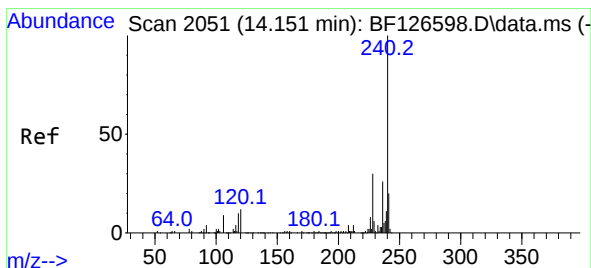
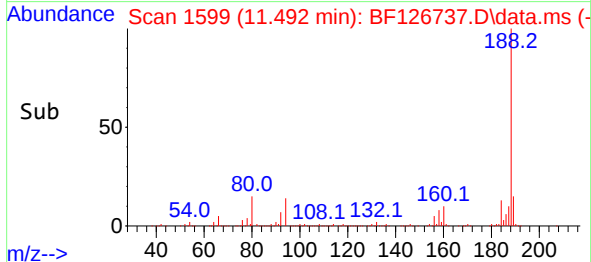
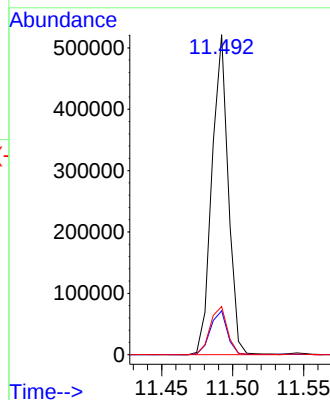
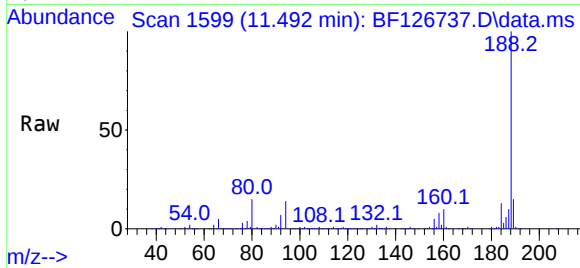




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.492 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

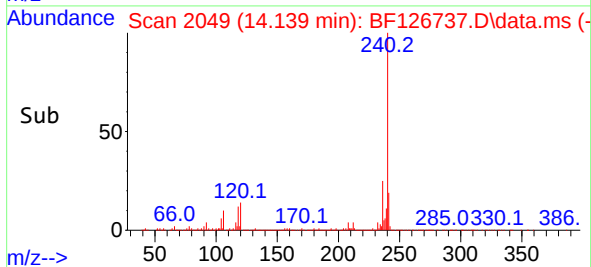
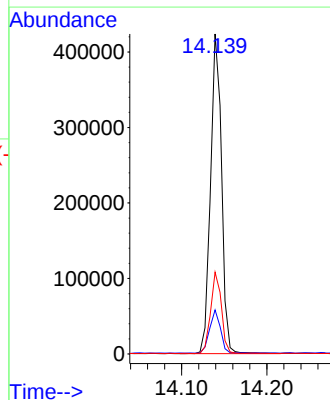
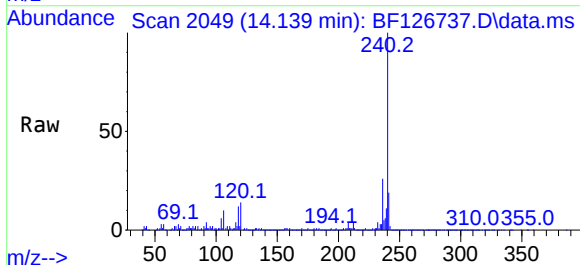
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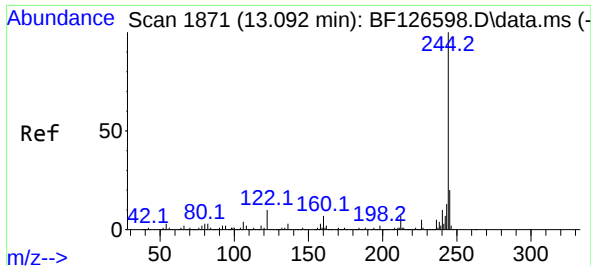
Tgt Ion:188 Resp: 416080  
Ion Ratio Lower Upper  
188 100  
94 13.7 10.1 15.1  
80 15.1 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2049  
Delta R.T. -0.006 min  
Lab File: BF126737.D  
Acq: 29 Jan 2022 00:42

Tgt Ion:240 Resp: 379834  
Ion Ratio Lower Upper  
240 100  
120 13.8 14.4 21.6#  
236 25.5 20.5 30.7

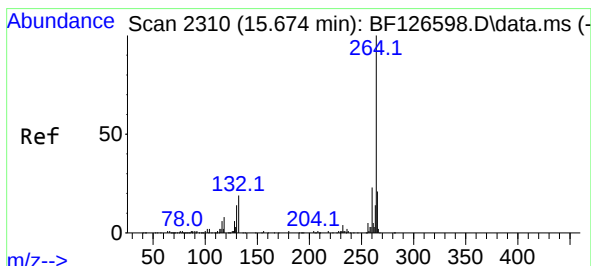
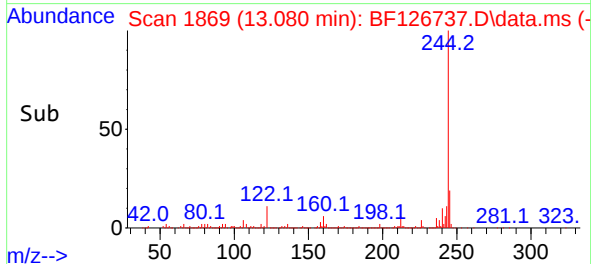
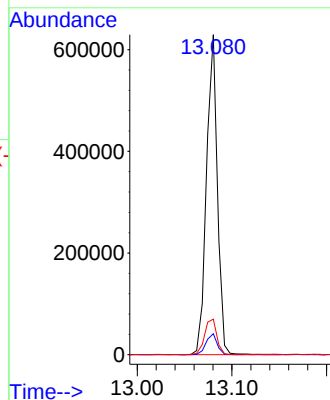
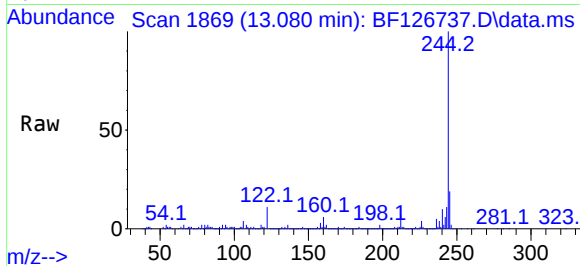




#79  
 Terphenyl-d14  
 Concen: 22.227 ng  
 RT: 13.080 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: BF126737.D  
 Acq: 29 Jan 2022 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-012722

Tgt Ion:244 Resp: 503344  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 11.1 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.663 min Scan# 2308  
 Delta R.T. 0.000 min  
 Lab File: BF126737.D  
 Acq: 29 Jan 2022 00:42

Tgt Ion:264 Resp: 264016  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.9 17.4 26.2

