

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012622\  
 Data File : BF126681.D  
 Acq On : 26 Jan 2022 12:37  
 Operator : CG/JU  
 Sample : PB142208TB  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142208TB

Quant Time: Jan 27 03:11:56 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  | 123975   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 505438   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 289896   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.486 | 188  | 529159   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.139 | 240  | 448207   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.663 | 264  | 328228   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 1129173  | 119.853 | ng    | 0.02     |
| 7) Phenol-d6                | 6.575  | 99   | 1525619  | 116.550 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 1141170  | 88.372  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.792 | 330  | 376381   | 138.734 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1489578  | 78.693  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.086 | 244  | 1994968  | 74.655  | ng    | 0.00     |

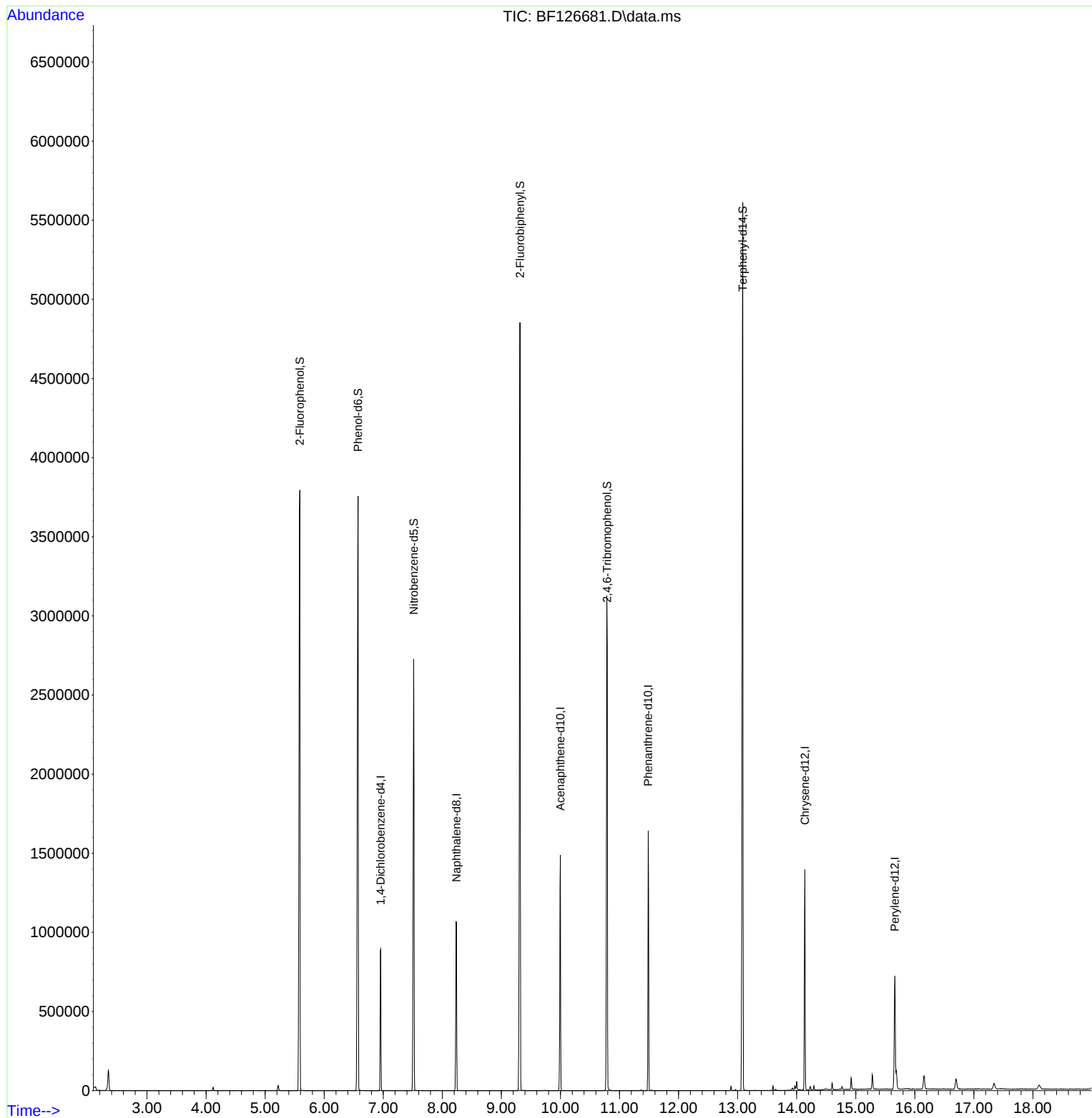
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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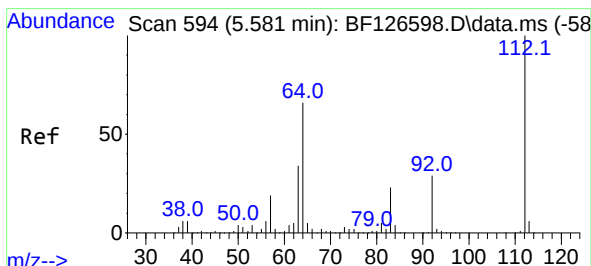
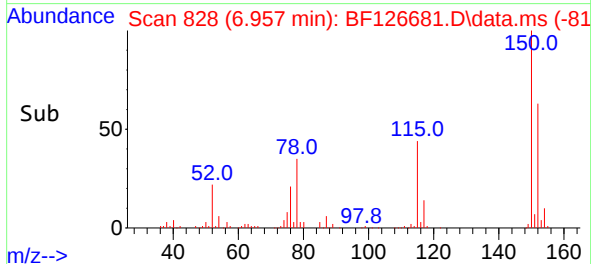
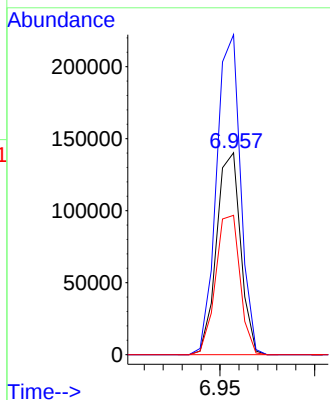
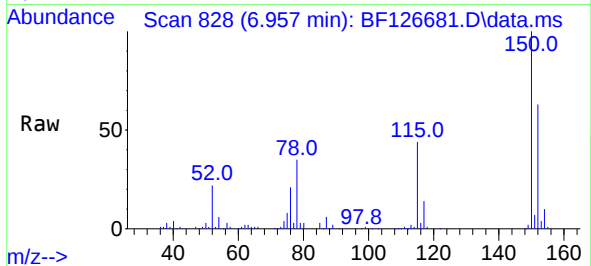




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

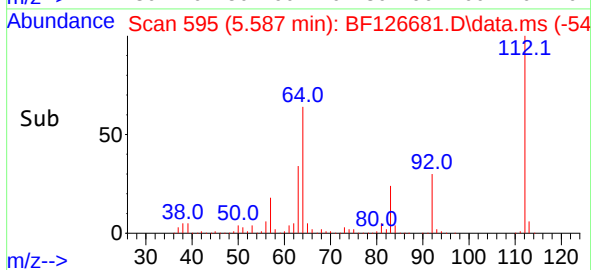
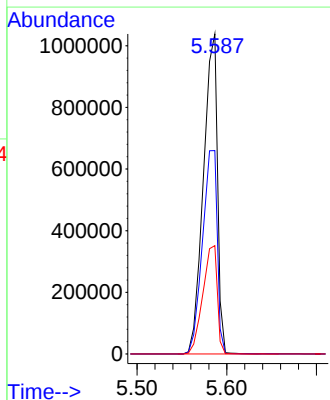
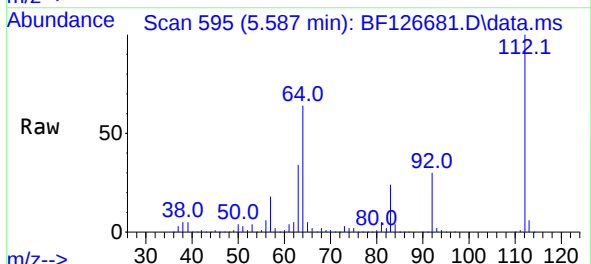
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BNA\_F  
ClientSampleId :  
PB142208TB

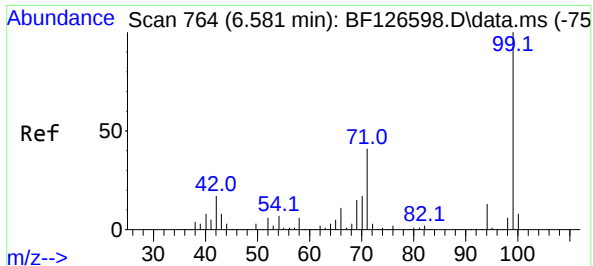
Tgt Ion:152 Resp: 123975  
Ion Ratio Lower Upper  
152 100  
150 158.5 128.1 192.1  
115 69.1 56.7 85.1



#5  
2-Fluorophenol  
Concen: 119.853 ng  
RT: 5.587 min Scan# 595  
Delta R.T. 0.018 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

Tgt Ion:112 Resp: 1129173  
Ion Ratio Lower Upper  
112 100  
64 63.6 49.5 74.3  
63 33.8 23.9 35.9

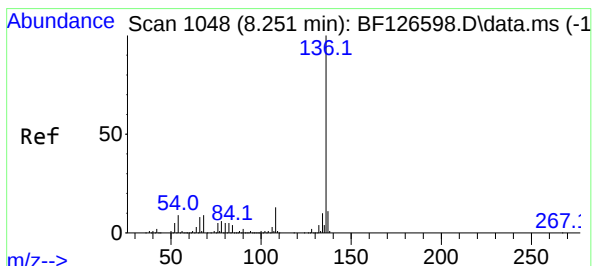
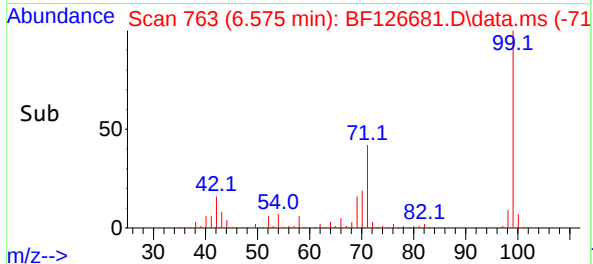
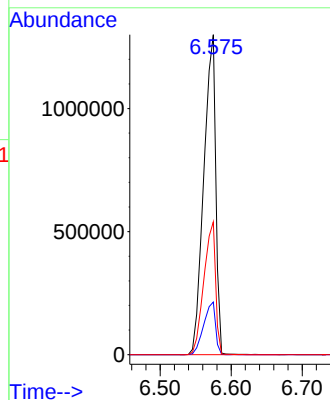
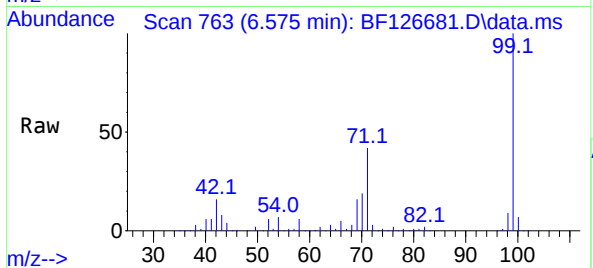




#7  
Phenol-d6  
Concen: 116.550 ng  
RT: 6.575 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

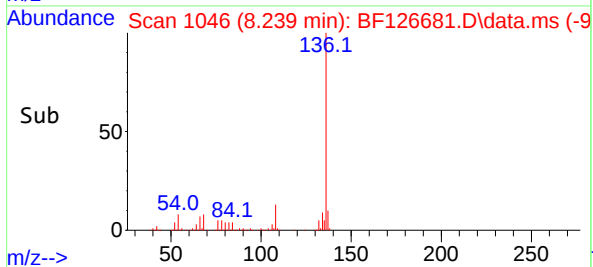
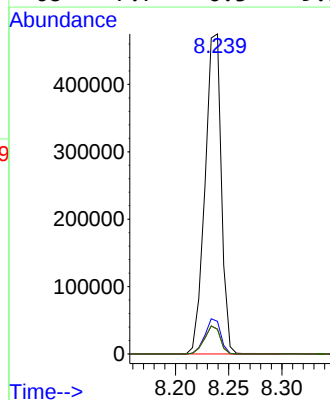
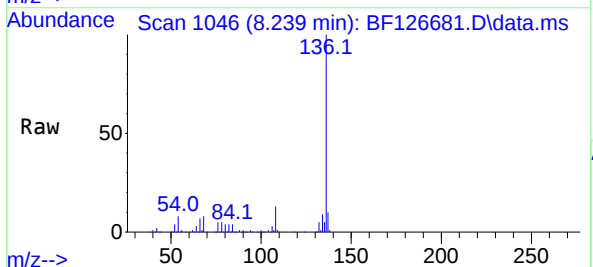
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ClientSampleId :  
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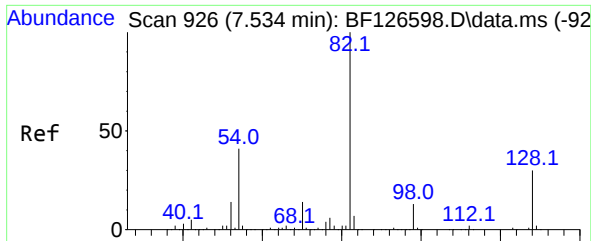
Tgt Ion: 99 Resp: 1525619  
Ion Ratio Lower Upper  
99 100  
42 16.4 14.2 21.4  
71 41.5 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

Tgt Ion:136 Resp: 505438  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.6 13.0  
54 7.8 7.8 11.6  
68 7.7 6.3 9.5

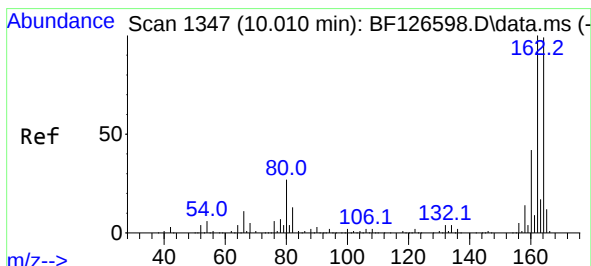
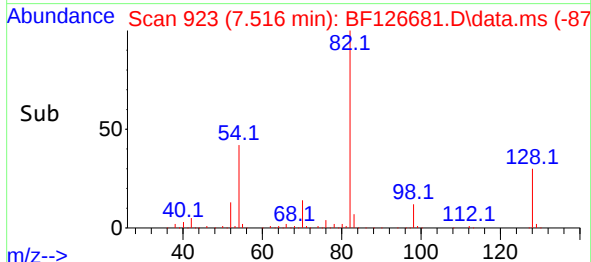
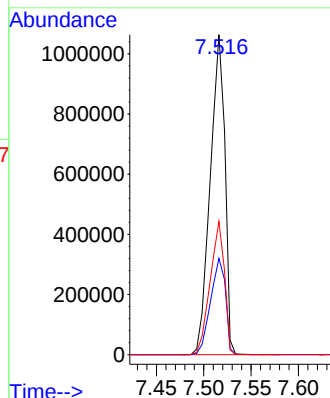
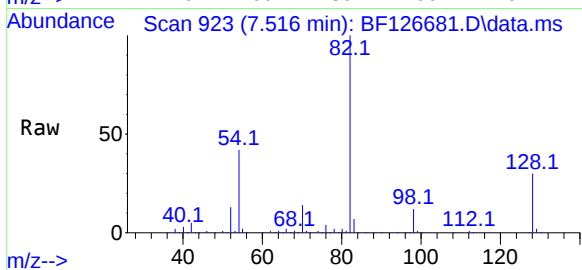




#23  
Nitrobenzene-d5  
Concen: 88.372 ng  
RT: 7.516 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

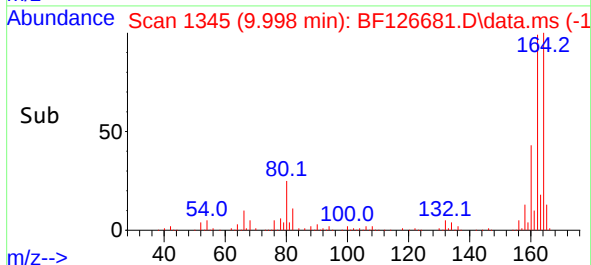
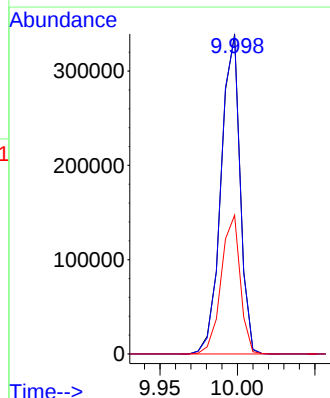
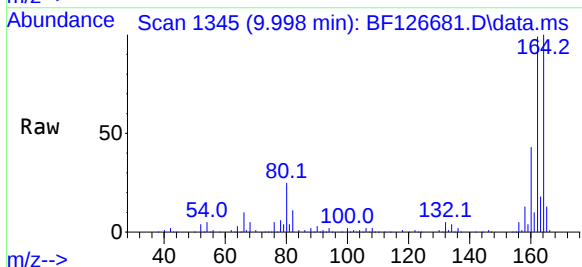
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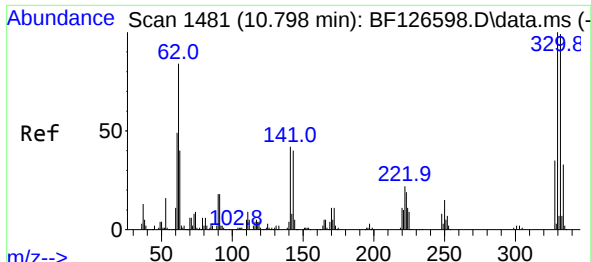
Tgt Ion: 82 Resp: 1141170  
Ion Ratio Lower Upper  
82 100  
128 30.1 32.7 49.1#  
54 41.6 41.7 62.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

Tgt Ion:164 Resp: 289896  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.4 122.0  
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 138.734 ng

RT: 10.792 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF126681.D

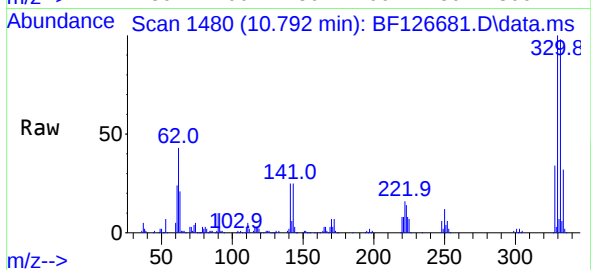
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Instrument :

BNA\_F

ClientSampleId :

PB142208TB



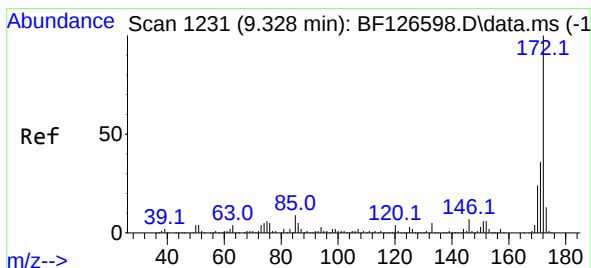
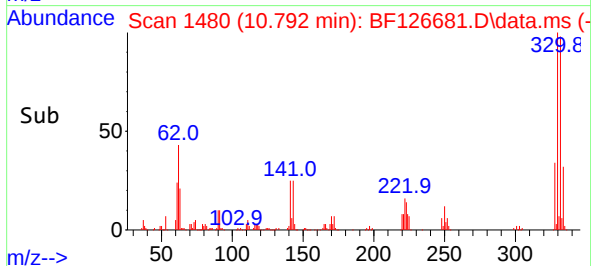
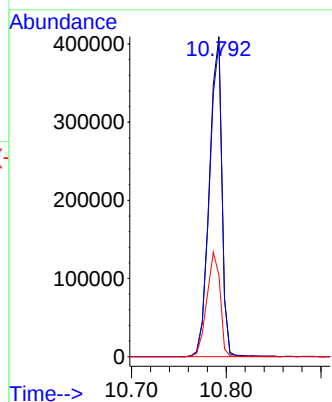
Tgt Ion:330 Resp: 376381

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 34.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.693 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126681.D

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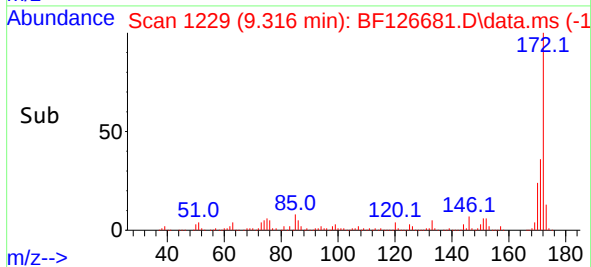
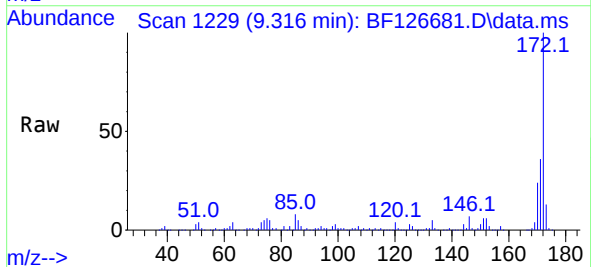
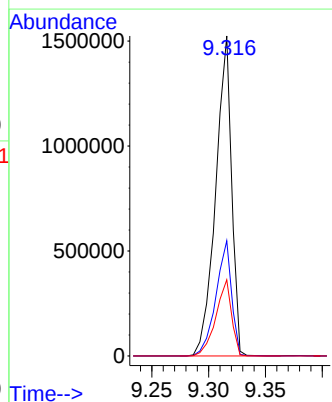
Tgt Ion:172 Resp: 1489578

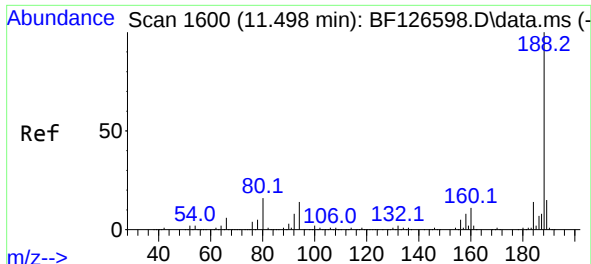
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.8 19.0 28.6

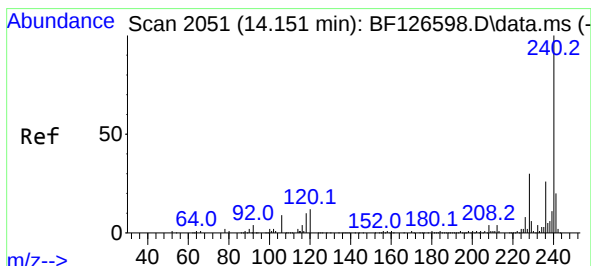
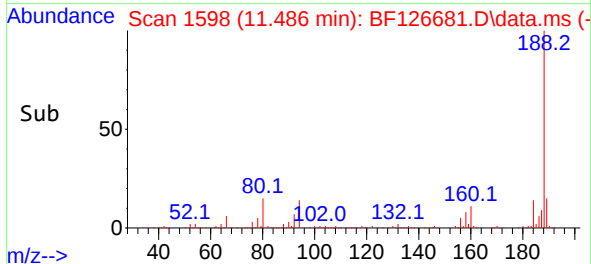
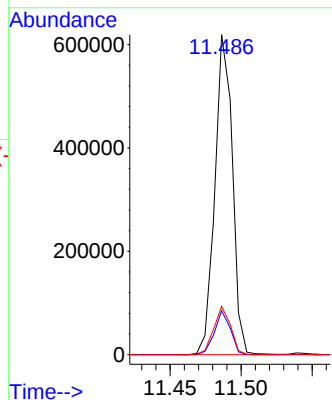
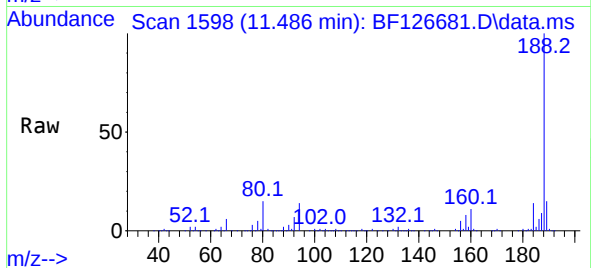




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

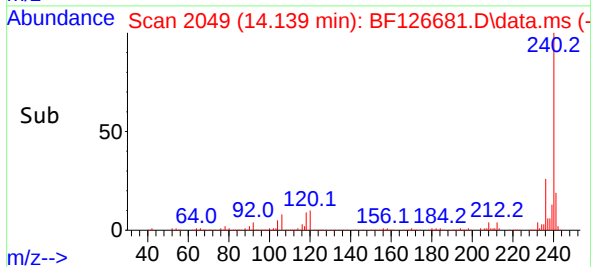
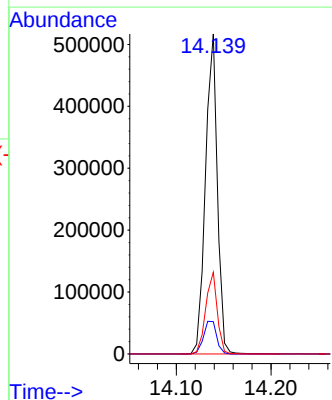
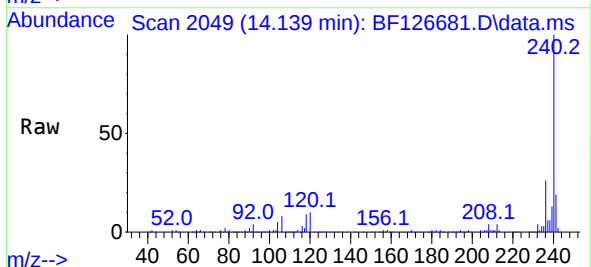
Instrument :  
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Tgt Ion:188 Resp: 529159  
Ion Ratio Lower Upper  
188 100  
94 13.7 10.1 15.1  
80 15.1 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2049  
Delta R.T. -0.006 min  
Lab File: BF126681.D  
Acq: 26 Jan 2022 12:37

Tgt Ion:240 Resp: 448207  
Ion Ratio Lower Upper  
240 100  
120 10.1 14.4 21.6#  
236 25.5 20.5 30.7

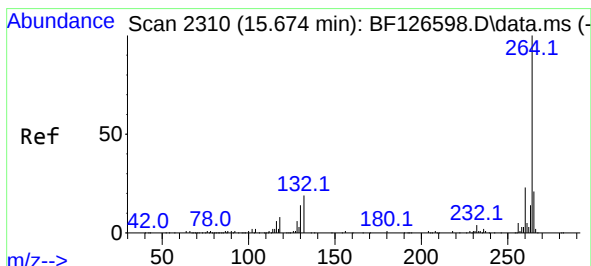
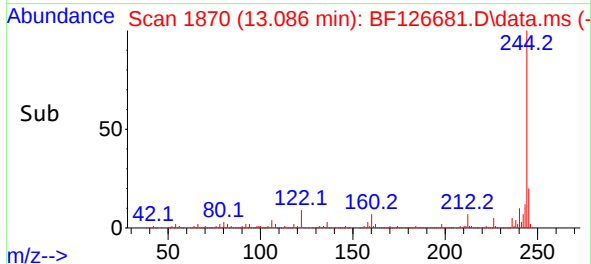
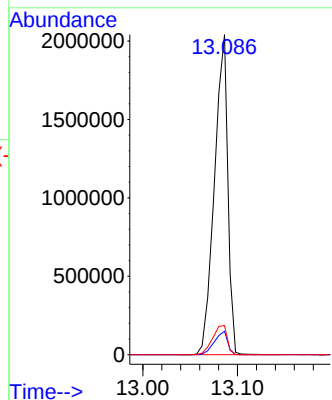
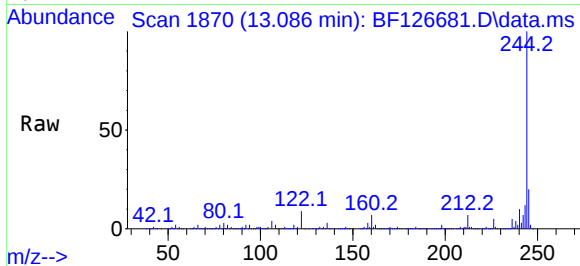




#79  
 Terphenyl-d14  
 Concen: 74.655 ng  
 RT: 13.086 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF126681.D  
 Acq: 26 Jan 2022 12:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142208TB

Tgt Ion:244 Resp: 1994968  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.0 7.4  
 122 9.1 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: BF126681.D  
 Acq: 26 Jan 2022 12:37

Tgt Ion:264 Resp: 328228  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.2 28.8  
 265 20.6 17.4 26.2

