

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022122\  
 Data File : BF126997.D  
 Acq On : 22 Feb 2022 02:23  
 Operator : CG\JU  
 Sample : N1579-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6-(0-0.5)

Quant Time: Feb 22 03:56:14 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

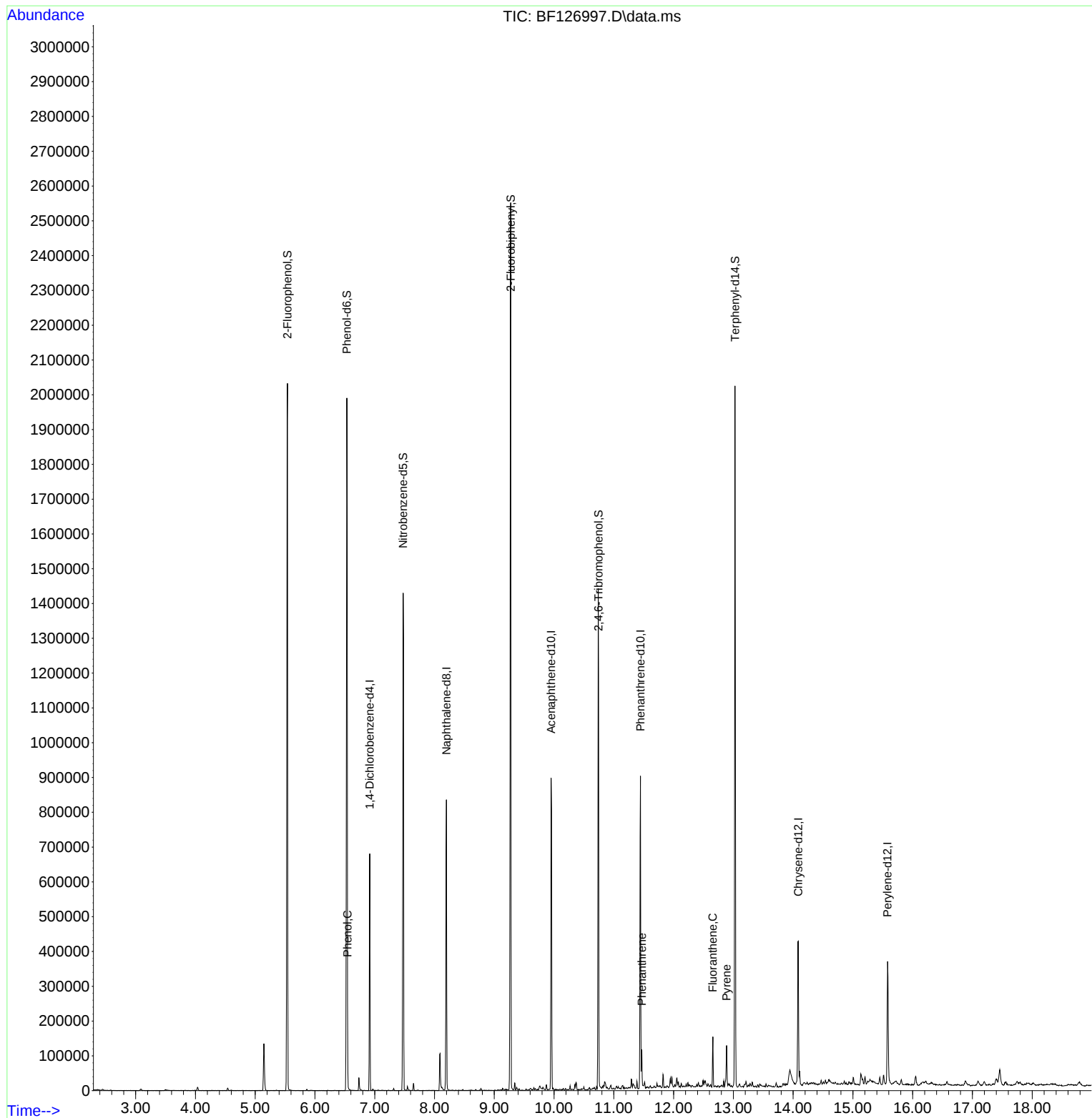
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 82297    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 337059   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.951  | 164  | 172853   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.445 | 188  | 293201   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.086 | 240  | 132067   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.580 | 264  | 151655   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 514227   | 96.574 | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 677240   | 94.259 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 483261   | 64.716 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 154138   | 77.450 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.275  | 172  | 742379   | 63.227 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 607114   | 67.578 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.546  | 94   | 19700    | 2.714  | ng    | # 71     |
| 71) Phenanthrene            | 11.469 | 178  | 36792    | 2.242  | ng    | 99       |
| 75) Fluoranthene            | 12.657 | 202  | 46978    | 3.015  | ng    | 94       |
| 78) Pyrene                  | 12.886 | 202  | 42261    | 3.683  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

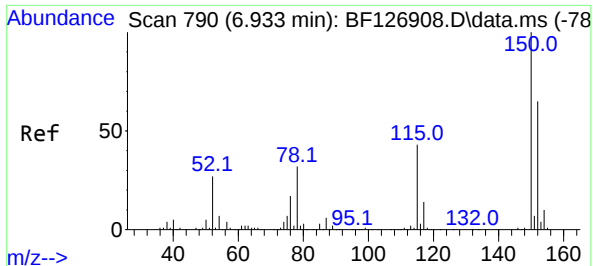
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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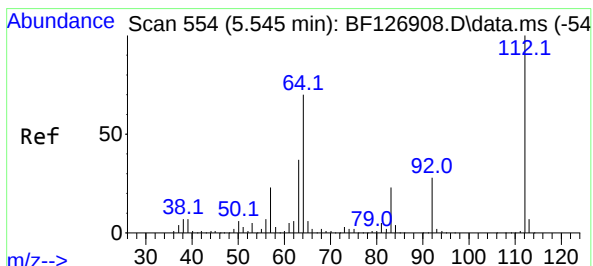
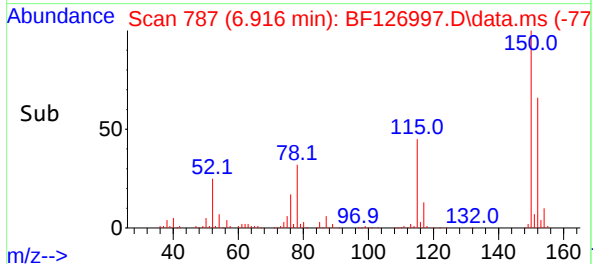
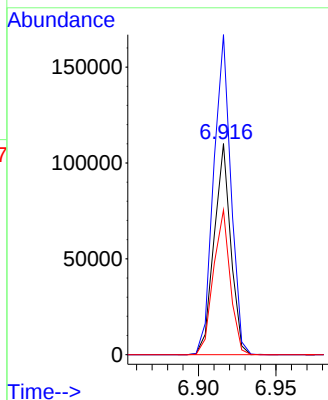
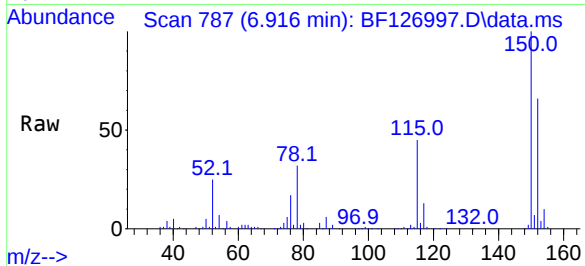




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

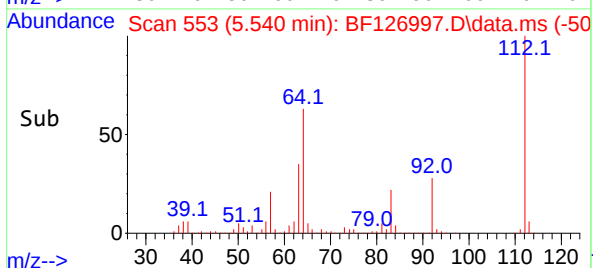
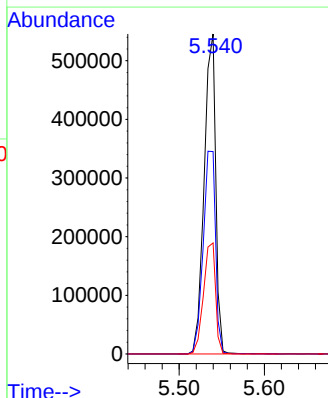
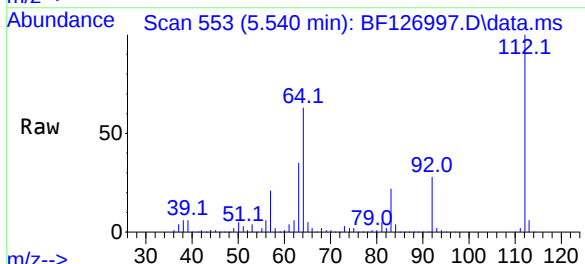
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(0-0.5)

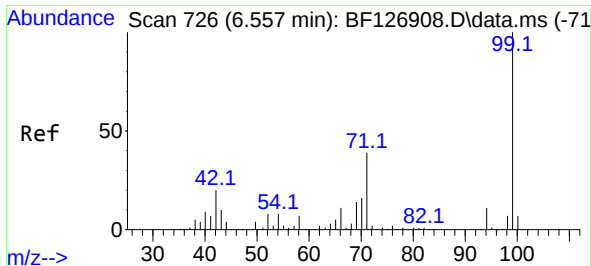
Tgt Ion:152 Resp: 82297  
Ion Ratio Lower Upper  
152 100  
150 151.6 128.1 192.1  
115 68.6 56.7 85.1



#5  
2-Fluorophenol  
Concen: 96.574 ng  
RT: 5.540 min Scan# 553  
Delta R.T. 0.000 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion:112 Resp: 514227  
Ion Ratio Lower Upper  
112 100  
64 63.3 49.5 74.3  
63 34.7 23.9 35.9

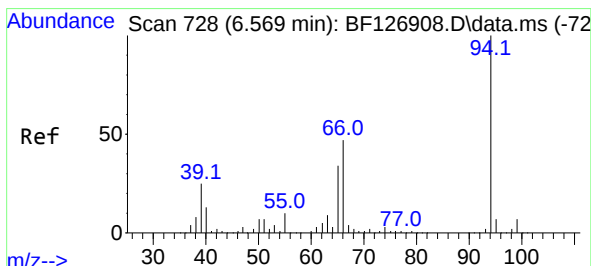
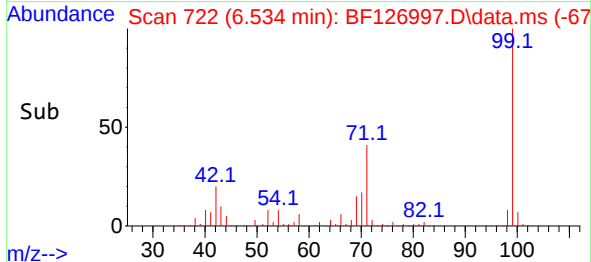
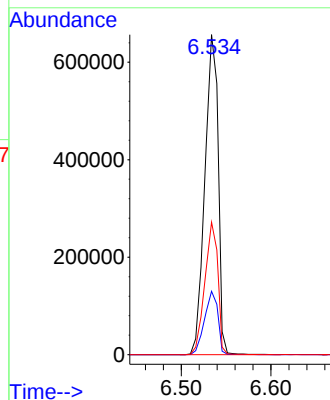
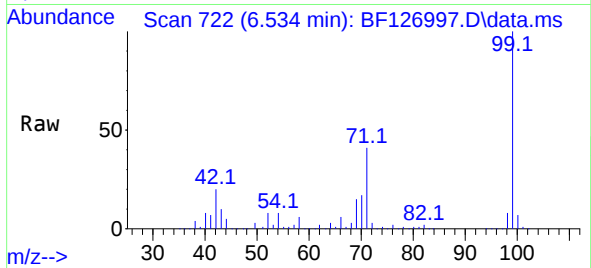




#7  
Phenol-d6  
Concen: 94.259 ng  
RT: 6.534 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

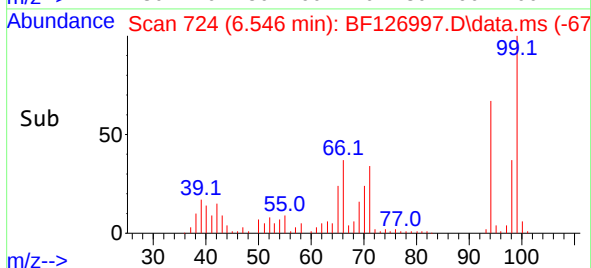
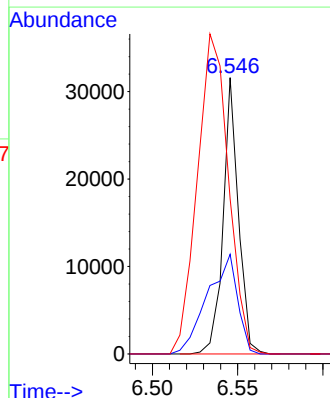
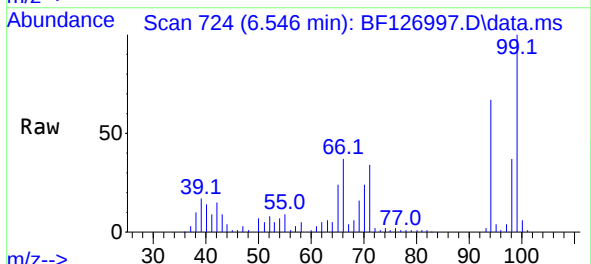
Instrument :  
BNA\_F  
ClientSampleId :  
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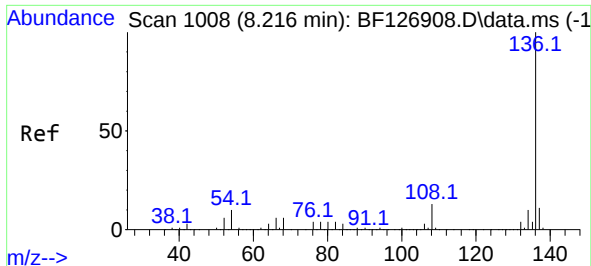
Tgt Ion: 99 Resp: 677240  
Ion Ratio Lower Upper  
99 100  
42 19.8 14.2 21.4  
71 41.4 24.3 36.5#



#10  
Phenol  
Concen: 2.714 ng  
RT: 6.546 min Scan# 724  
Delta R.T. -0.018 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion: 94 Resp: 19700  
Ion Ratio Lower Upper  
94 100  
65 36.0 7.2 47.2  
66 56.2 14.5 54.5#

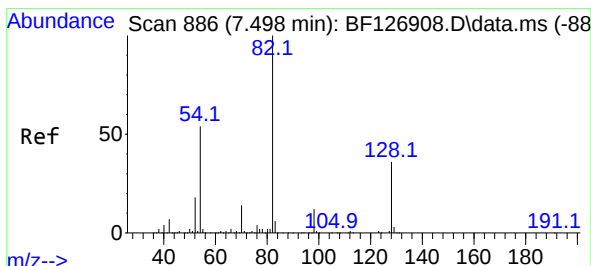
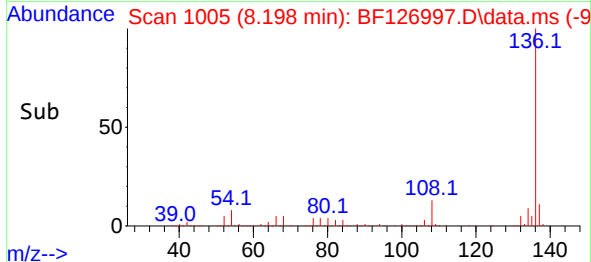
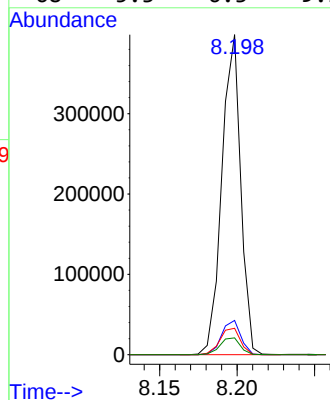
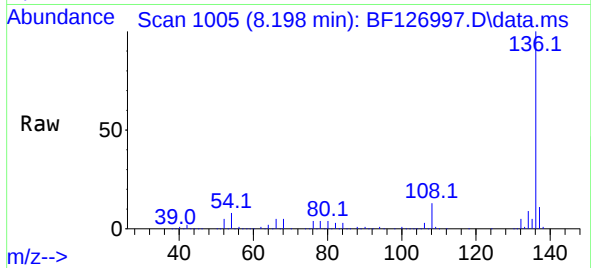




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

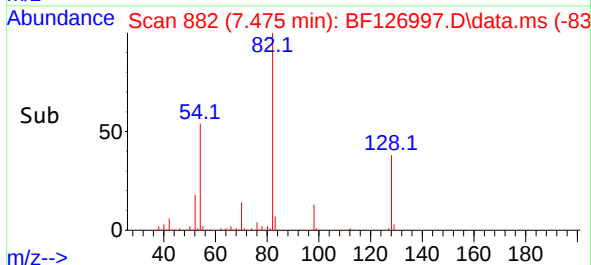
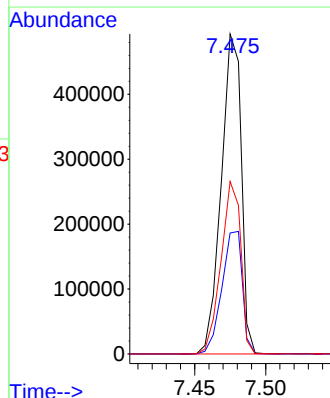
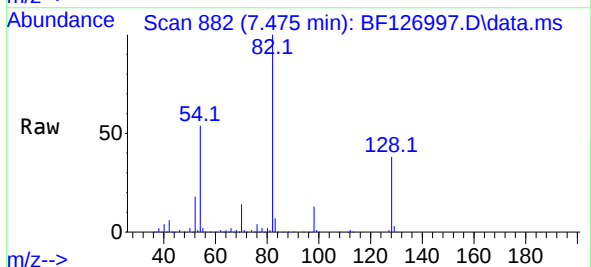
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(0-0.5)

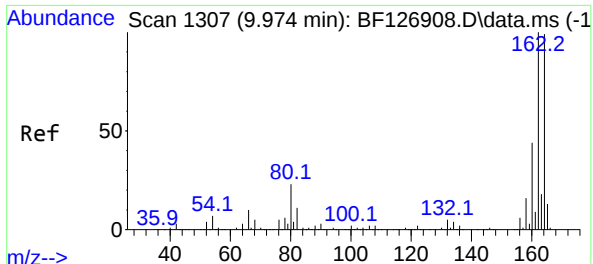
Tgt Ion:136 Resp: 337059  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.2 7.8 11.6  
68 5.3 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 64.716 ng  
RT: 7.475 min Scan# 882  
Delta R.T. -0.018 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion: 82 Resp: 483261  
Ion Ratio Lower Upper  
82 100  
128 37.8 32.7 49.1  
54 53.9 41.7 62.5

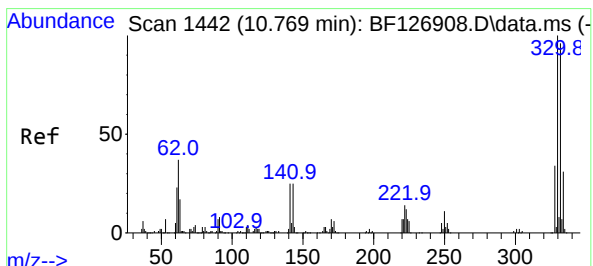
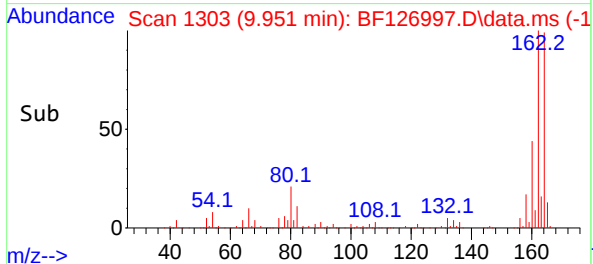
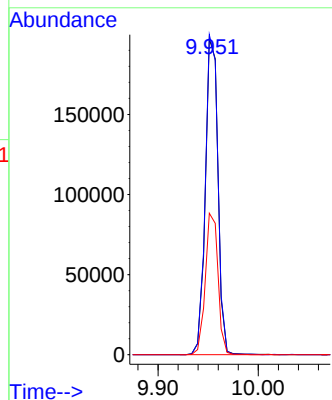
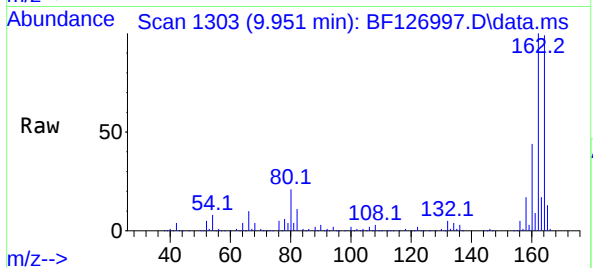




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

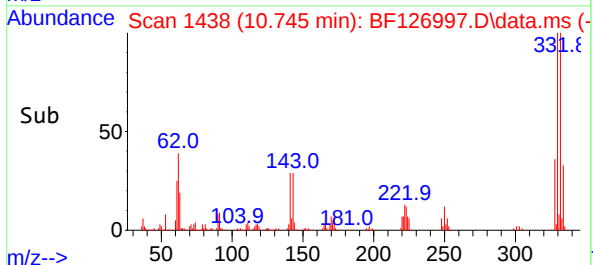
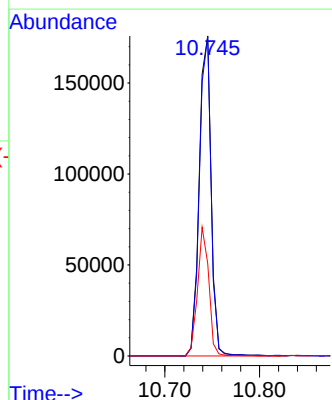
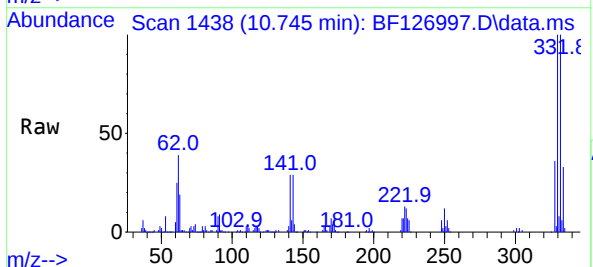
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(0-0.5)

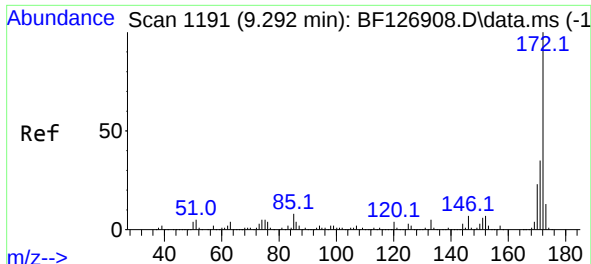
Tgt Ion:164 Resp: 172853  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.4 122.0  
160 44.8 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 77.450 ng  
RT: 10.745 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion:330 Resp: 154138  
Ion Ratio Lower Upper  
330 100  
332 97.5 76.0 114.0  
141 38.0 30.1 45.1

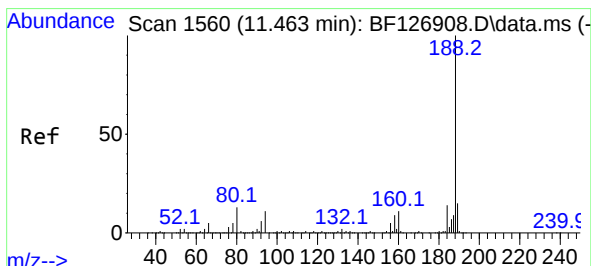
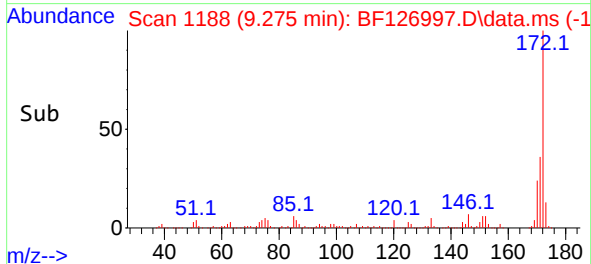
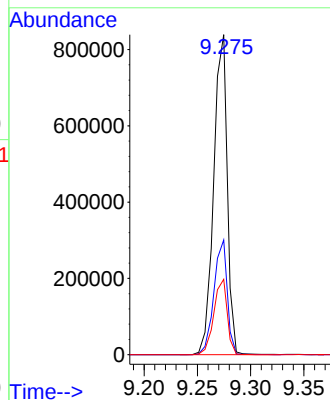
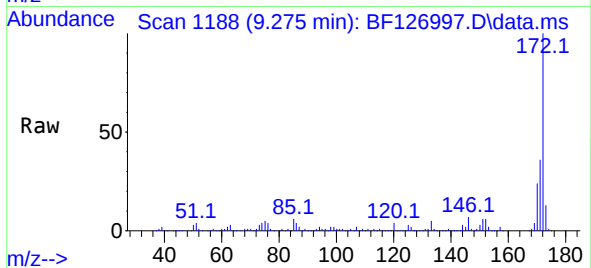




#45  
2-Fluorobiphenyl  
Concen: 63.227 ng  
RT: 9.275 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

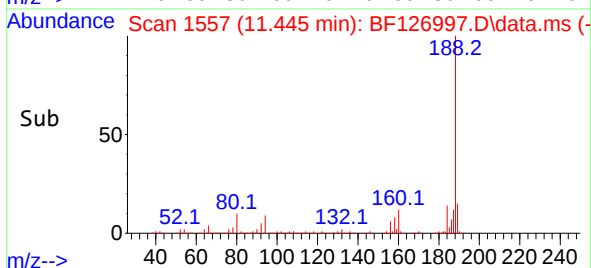
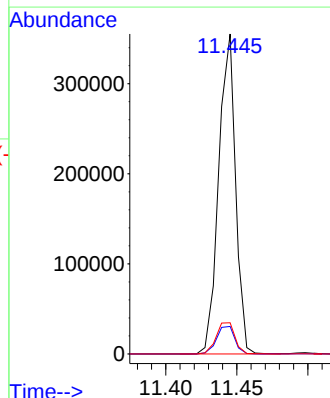
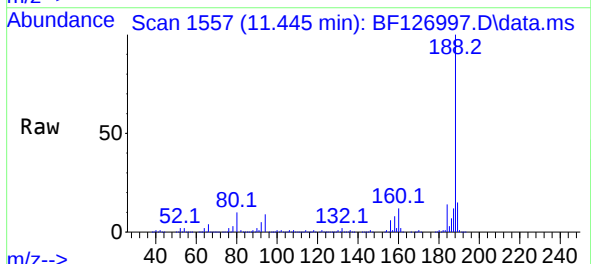
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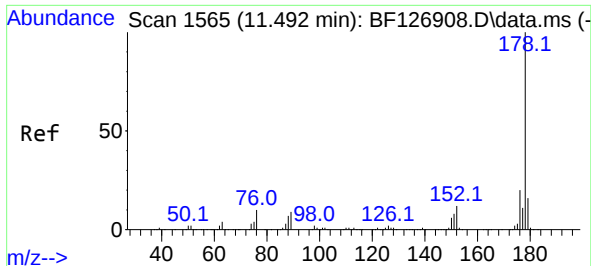
Tgt Ion:172 Resp: 742379  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.3 42.5  
170 23.5 19.0 28.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1557  
Delta R.T. -0.006 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion:188 Resp: 293201  
Ion Ratio Lower Upper  
188 100  
94 8.6 10.1 15.1#  
80 9.8 11.8 17.6#

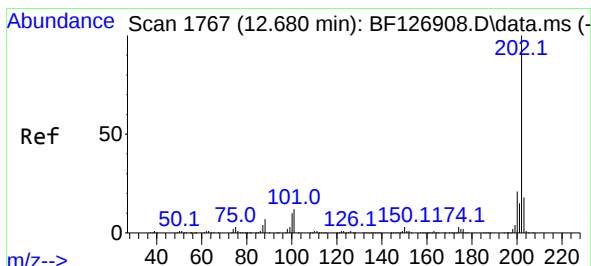
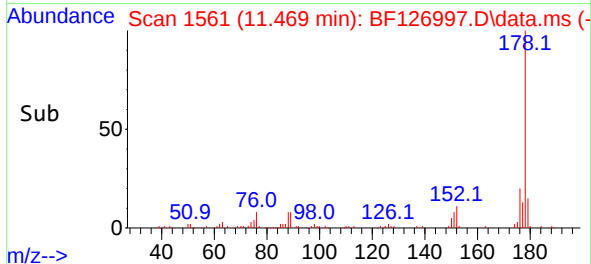
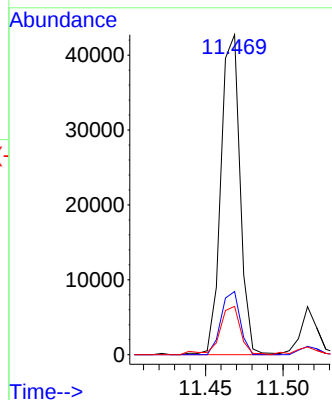
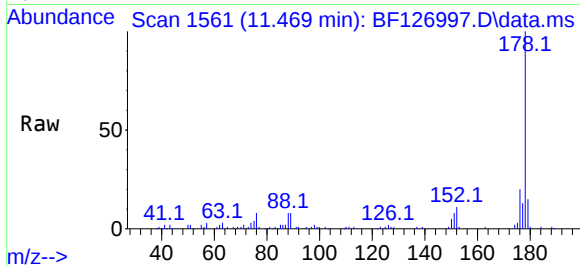




#71  
Phenanthrene  
Concen: 2.242 ng  
RT: 11.469 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

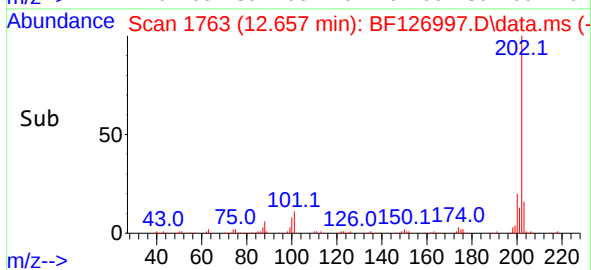
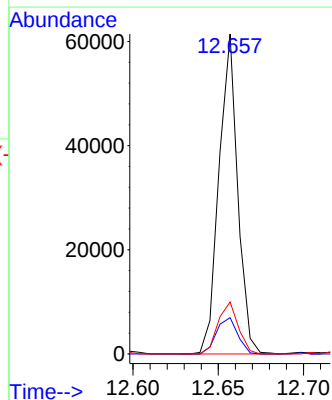
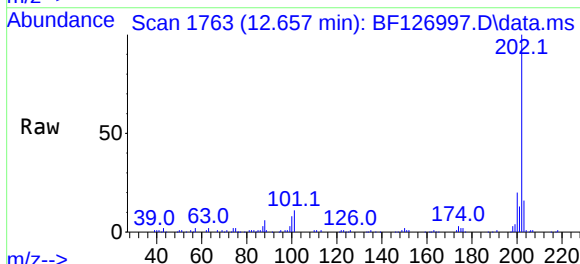
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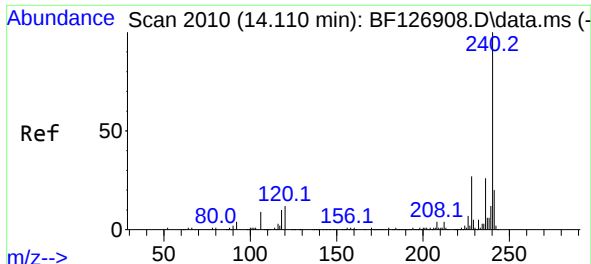
Tgt Ion:178 Resp: 36792  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.7 23.5  
179 15.1 12.3 18.5



#75  
Fluoranthene  
Concen: 3.015 ng  
RT: 12.657 min Scan# 1763  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

Tgt Ion:202 Resp: 46978  
Ion Ratio Lower Upper  
202 100  
101 11.4 0.0 35.7  
203 16.3 0.0 37.1

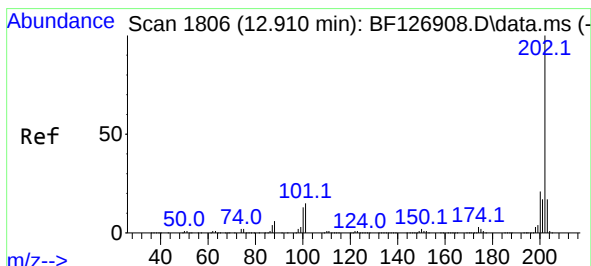
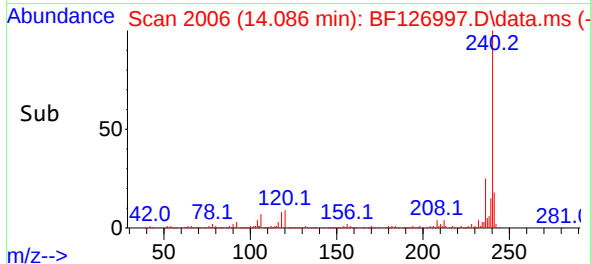
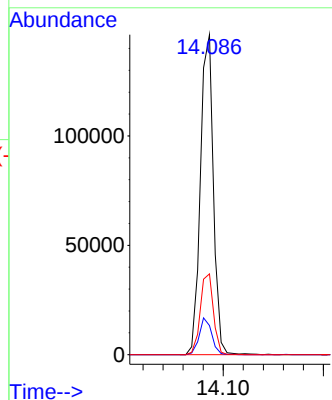
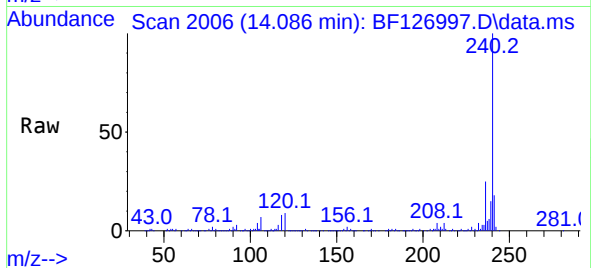




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

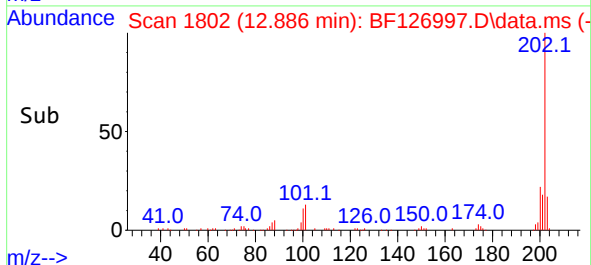
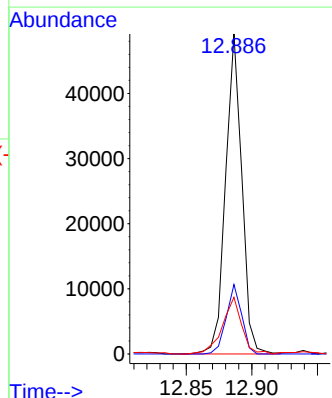
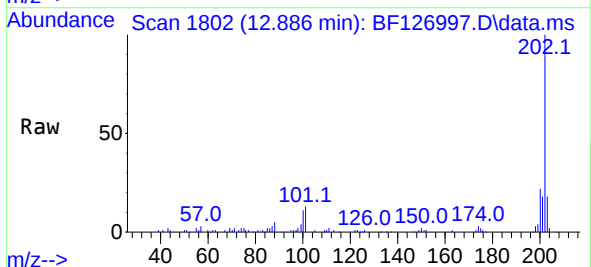
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6-(0-0.5)

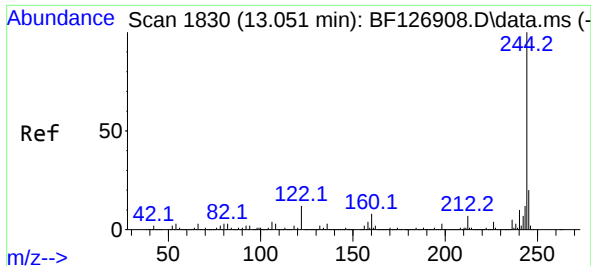
Tgt Ion:240 Resp: 132067  
Ion Ratio Lower Upper  
240 100  
120 9.1 14.4 21.6#  
236 25.3 20.5 30.7



#78  
Pyrene  
Concen: 3.683 ng  
RT: 12.886 min Scan# 1802  
Delta R.T. -0.012 min  
Lab File: BF126997.D  
Acq: 22 Feb 2022 02:23

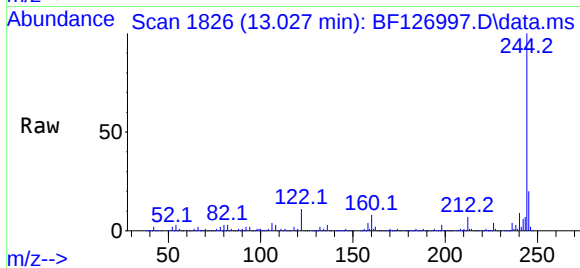
Tgt Ion:202 Resp: 42261  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.6 24.8  
203 17.7 13.8 20.8



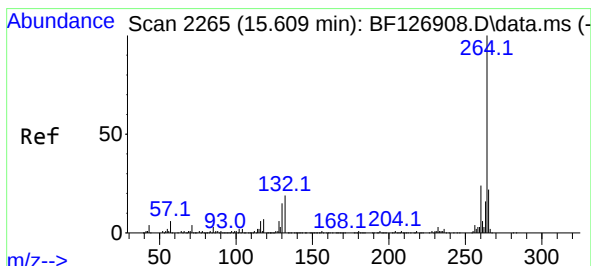
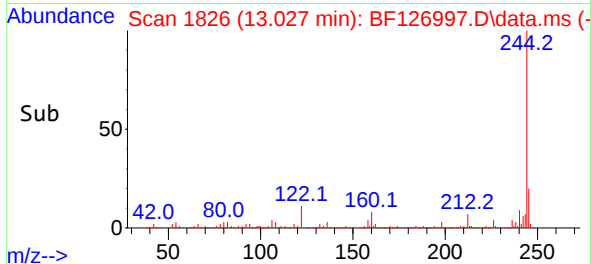
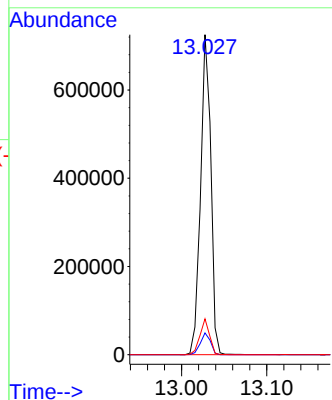


#79  
 Terphenyl-d14  
 Concen: 67.578 ng  
 RT: 13.027 min Scan# 1826  
 Delta R.T. -0.012 min  
 Lab File: BF126997.D  
 Acq: 22 Feb 2022 02:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6-(0-0.5)



Tgt Ion:244 Resp: 607114  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 11.2 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2260  
 Delta R.T. -0.012 min  
 Lab File: BF126997.D  
 Acq: 22 Feb 2022 02:23

Tgt Ion:264 Resp: 151655  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 20.3 17.4 26.2

