

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112021\  
 Data File : BP008069.D  
 Acq On : 20 Nov 2021 21:39  
 Operator : CG/JU  
 Sample : M4766-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CHRT-27165

Quant Time: Nov 22 05:34:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 20 00:21:11 2021  
 Response via : Initial Calibration

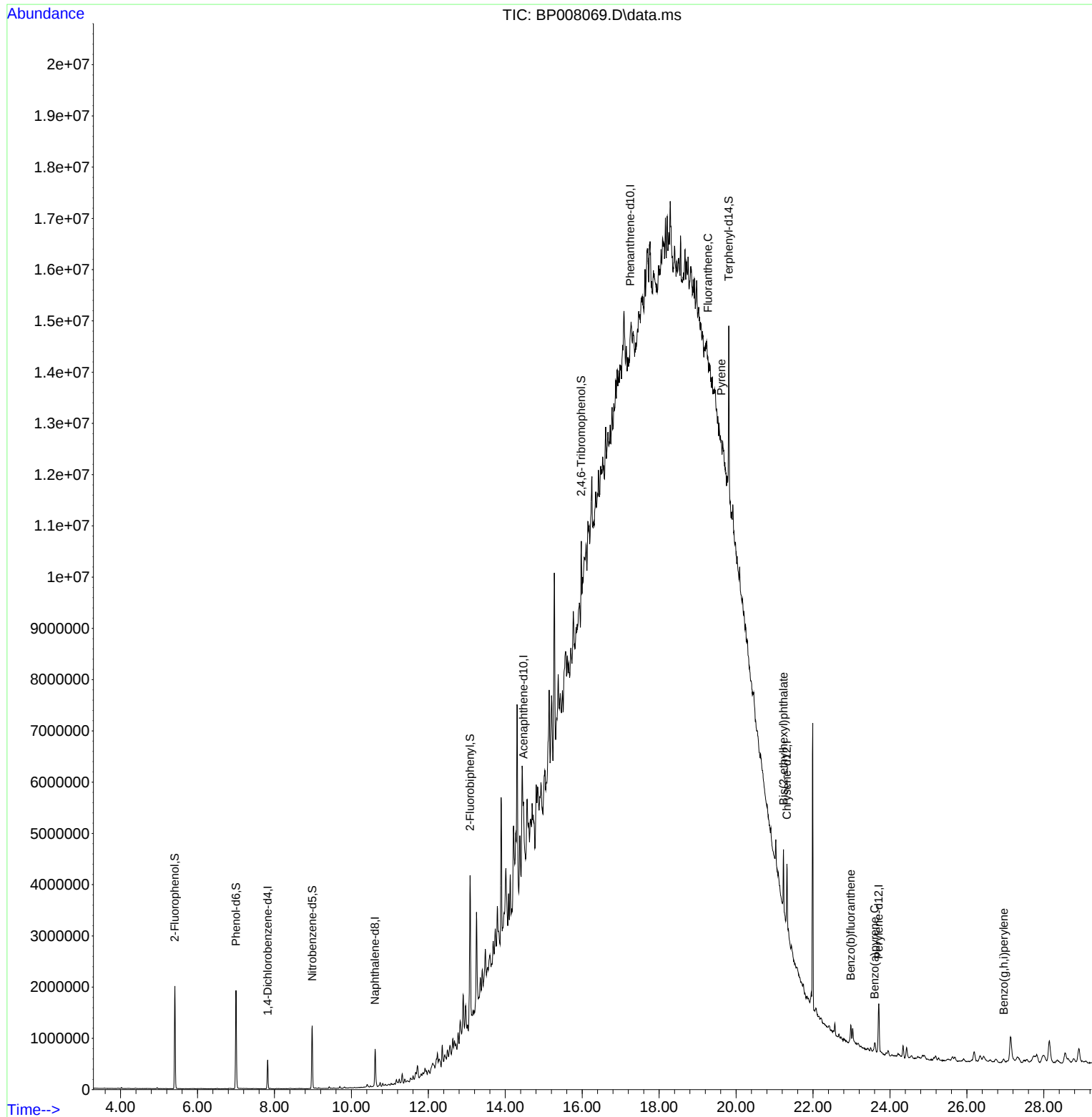
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 142573   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.616 | 136  | 567225   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.469 | 164  | 304125   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 493813   | 20.000 | ng    | # 0.02   |
| 76) Chrysene-d12              | 21.322 | 240  | 643008   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.710 | 264  | 743727   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.411  | 112  | 784676   | 94.072 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.999  | 99   | 1040789  | 90.015 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.981  | 82   | 721996   | 57.743 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.975 | 330  | 366273   | 95.166 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.087 | 172  | 1373433  | 70.714 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 1841964  | 56.320 | ng    | 0.01     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene              | 19.269 | 202  | 94914    | 2.768  | ng    | # 16     |
| 78) Pyrene                    | 19.616 | 202  | 107622   | 2.465  | ng    | # 40     |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149  | 457174   | 18.524 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.980 | 252  | 131160   | 2.821  | ng    | # 87     |
| 90) Benzo(a)pyrene            | 23.598 | 252  | 86212    | 2.212  | ng    | # 89     |
| 92) Benzo(g,h,i)perylene      | 26.957 | 276  | 87289    | 2.074  | ng    | # 92     |
| -----                         |        |      |          |        |       |          |

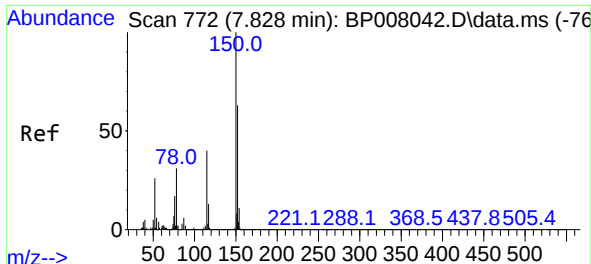
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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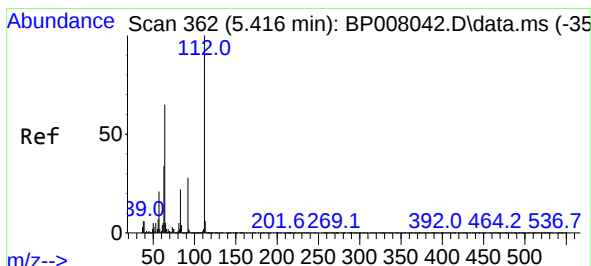
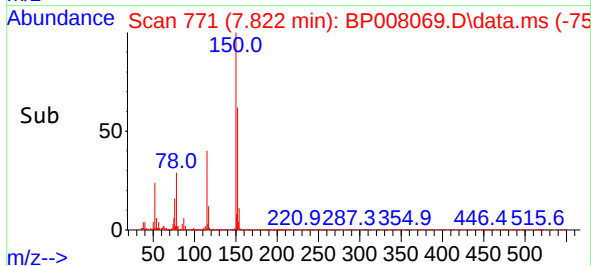
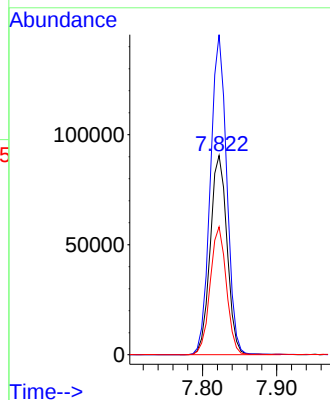
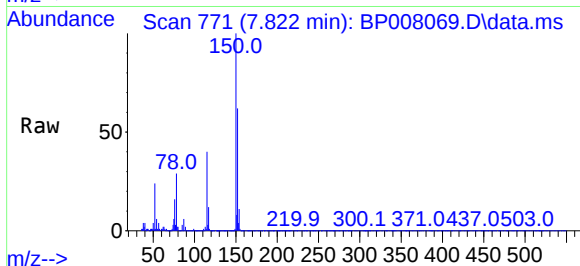




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

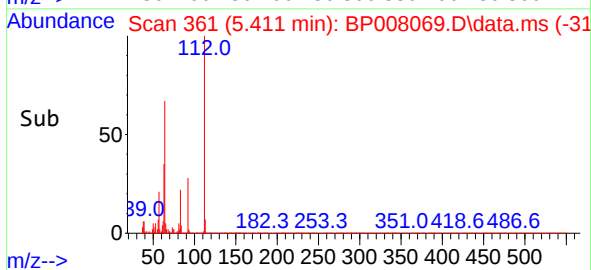
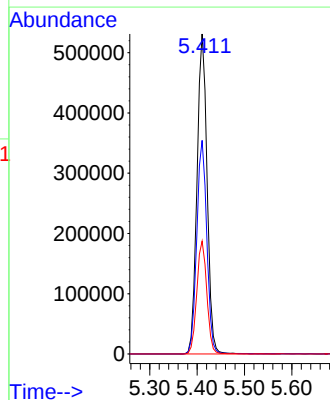
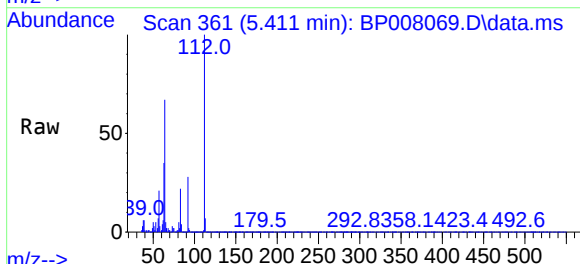
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BNA\_P  
ClientSampleId :  
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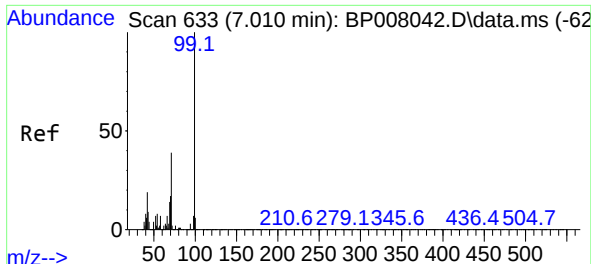
Tgt Ion:152 Resp: 142573  
Ion Ratio Lower Upper  
152 100  
150 160.6 126.5 189.7  
115 64.2 50.6 75.8



#5  
2-Fluorophenol  
Concen: 94.072 ng  
RT: 5.411 min Scan# 361  
Delta R.T. -0.005 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion:112 Resp: 784676  
Ion Ratio Lower Upper  
112 100  
64 66.8 51.7 77.5  
63 35.2 27.4 41.0

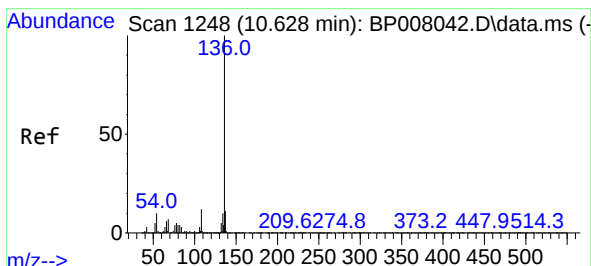
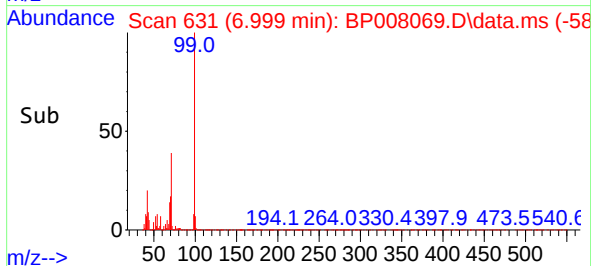
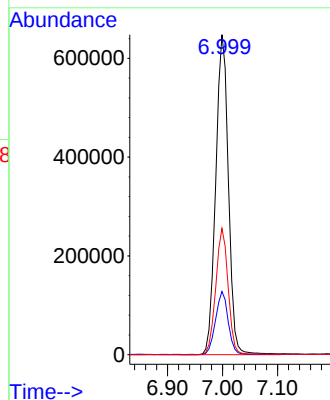
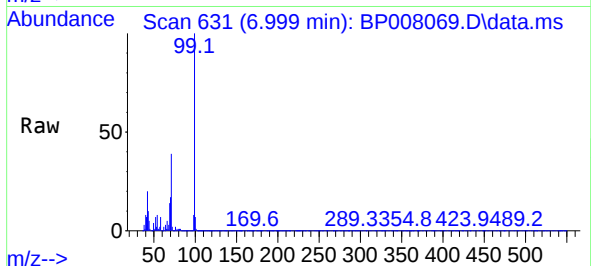




#7  
Phenol-d6  
Concen: 90.015 ng  
RT: 6.999 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

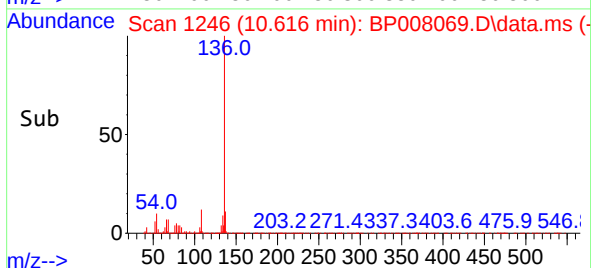
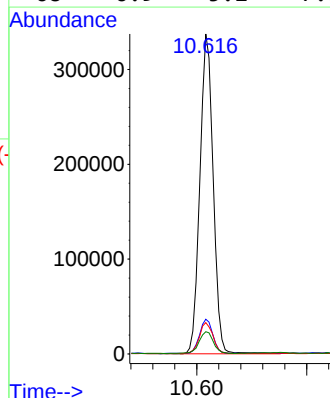
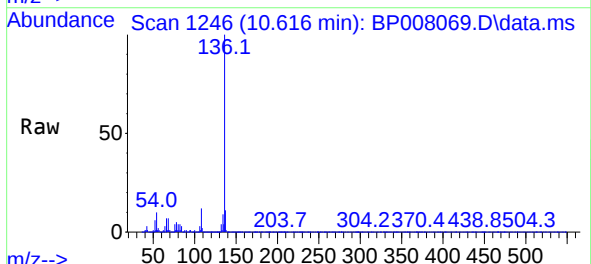
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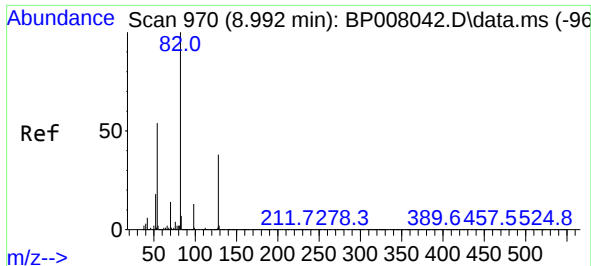
Tgt Ion: 99 Resp: 1040789  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.4 23.2  
71 39.4 31.0 46.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1246  
Delta R.T. -0.012 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion: 136 Resp: 567225  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 9.8 8.0 12.0  
68 6.9 5.2 7.8

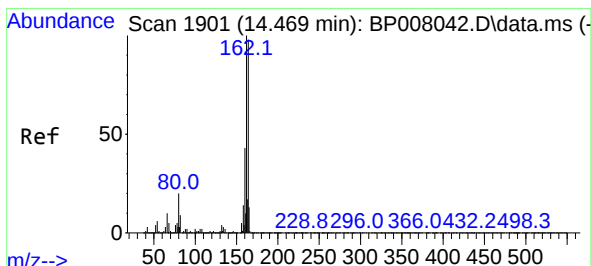
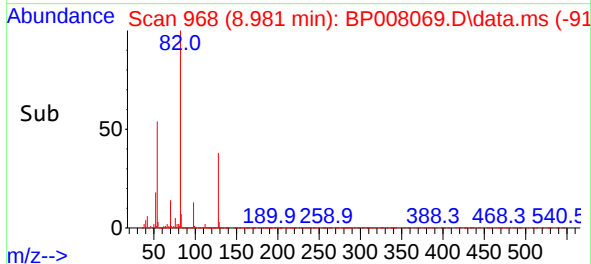
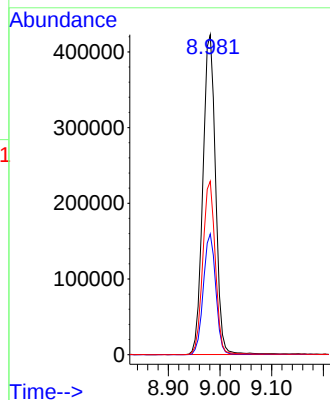
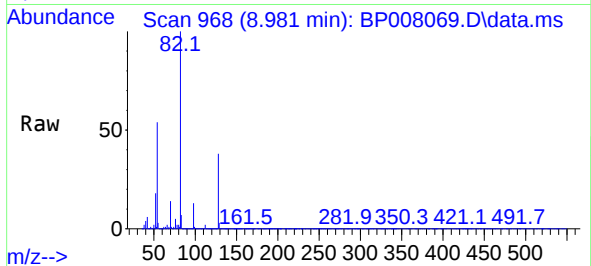




#23  
Nitrobenzene-d5  
Concen: 57.743 ng  
RT: 8.981 min Scan# 90  
Delta R.T. -0.011 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

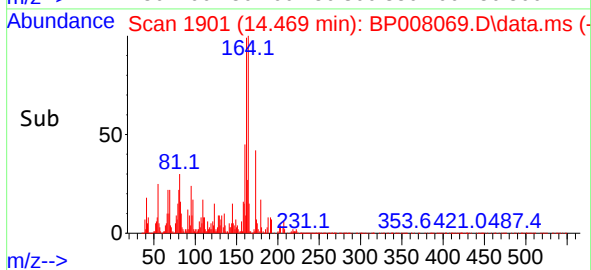
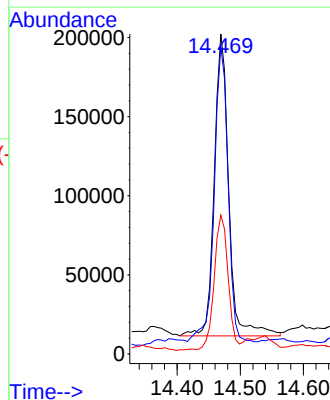
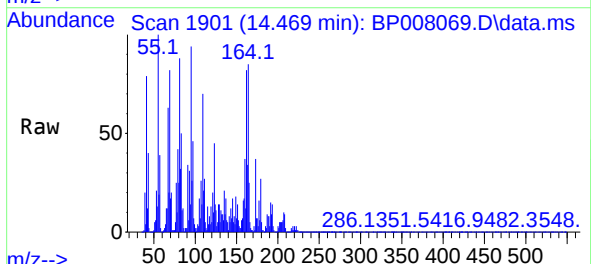
Instrument :  
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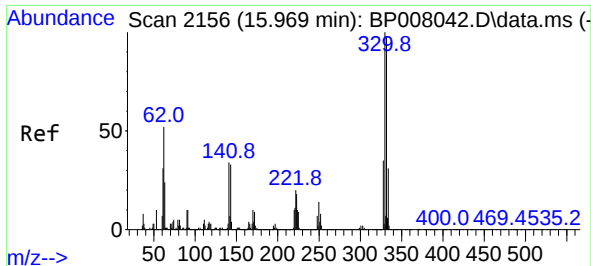
Tgt Ion: 82 Resp: 721996  
Ion Ratio Lower Upper  
82 100  
128 37.8 30.2 45.2  
54 54.2 43.1 64.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.469 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion: 164 Resp: 304125  
Ion Ratio Lower Upper  
164 100  
162 96.0 81.8 122.8  
160 43.4 35.1 52.7

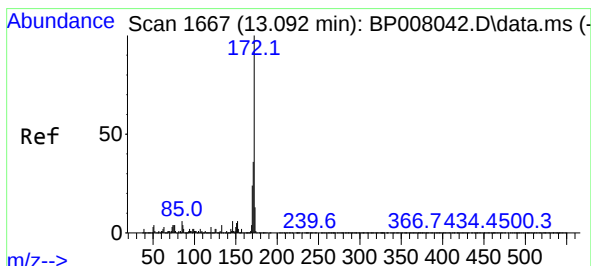
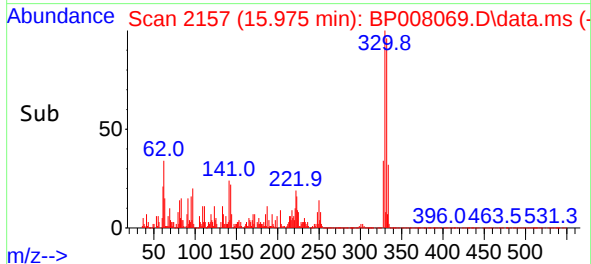
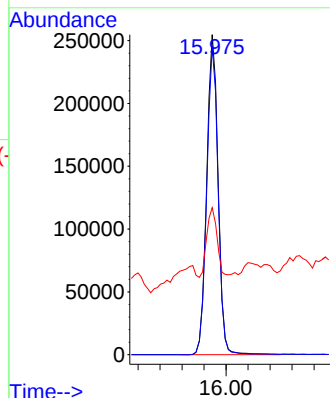
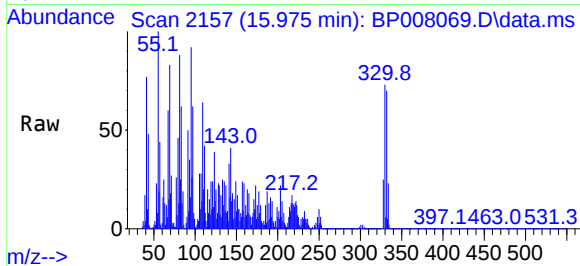




#42  
2,4,6-Tribromophenol  
Concen: 95.166 ng  
RT: 15.975 min Scan# 2156  
Delta R.T. 0.006 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

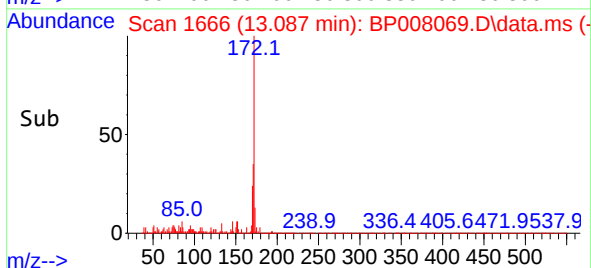
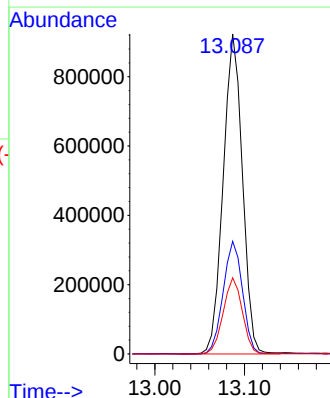
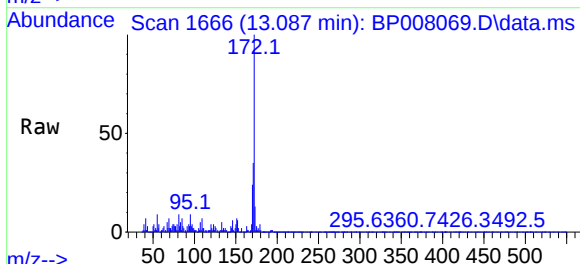
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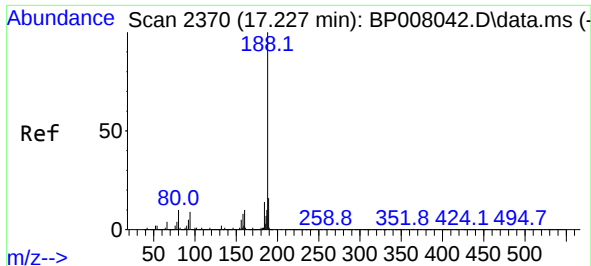
Tgt Ion:330 Resp: 366273  
Ion Ratio Lower Upper  
330 100  
332 95.8 78.0 117.0  
141 19.8 29.6 44.4#



#45  
2-Fluorobiphenyl  
Concen: 70.714 ng  
RT: 13.087 min Scan# 1666  
Delta R.T. -0.005 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion:172 Resp: 1373433  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 23.8 19.0 28.4

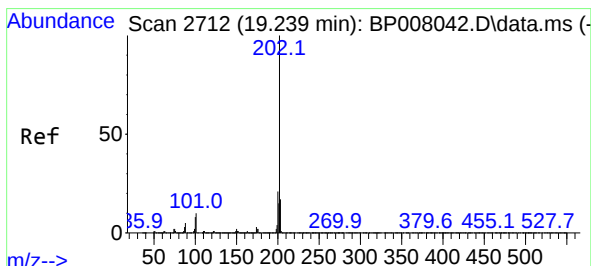
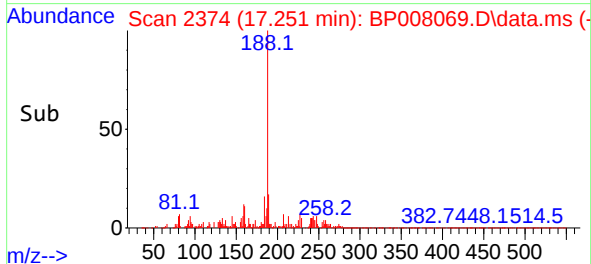
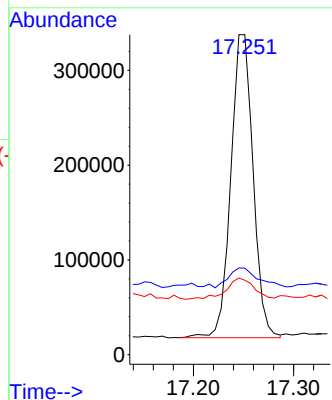
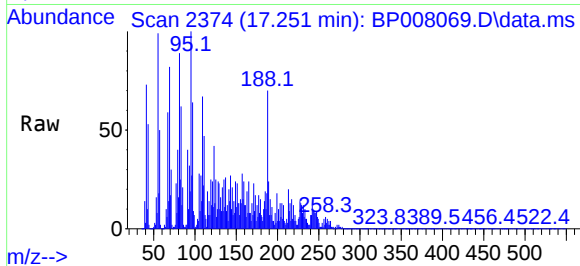




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.251 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

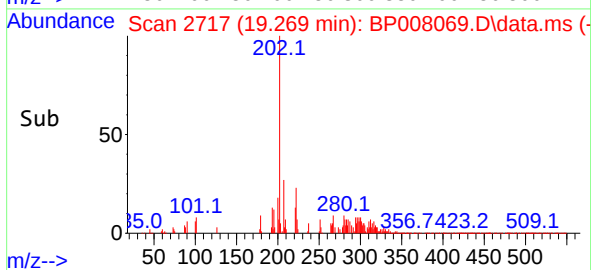
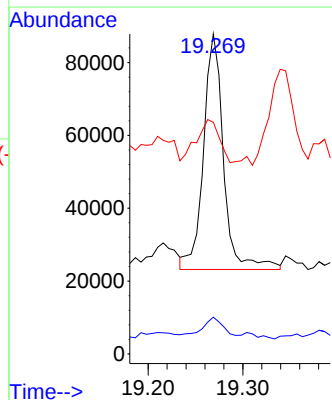
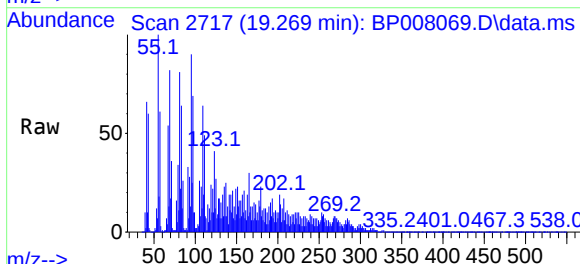
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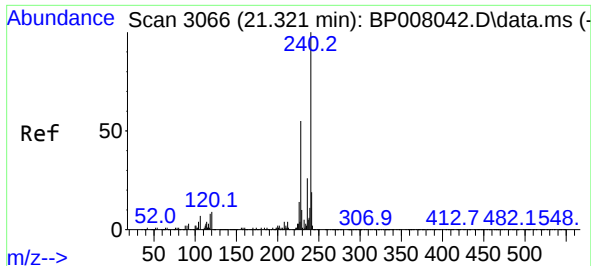
Tgt Ion:188 Resp: 493813  
Ion Ratio Lower Upper  
188 100  
94 27.0 7.1 10.7#  
80 23.2 8.1 12.1#



#75  
Fluoranthene  
Concen: 2.768 ng  
RT: 19.269 min Scan# 2717  
Delta R.T. 0.030 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion:202 Resp: 94914  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 29.5  
203 72.4 0.0 37.3#

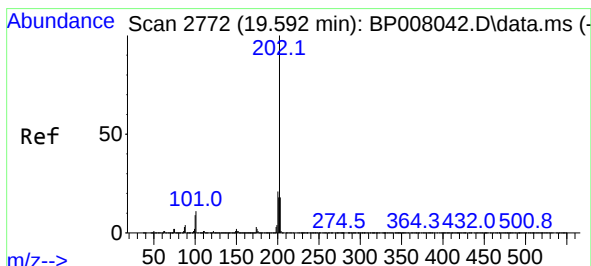
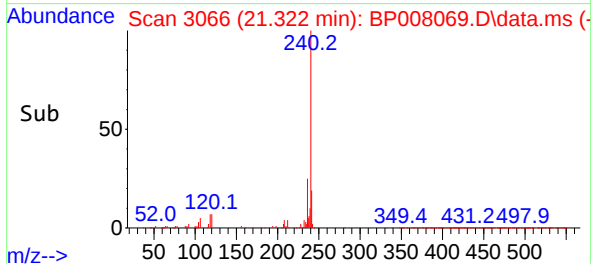
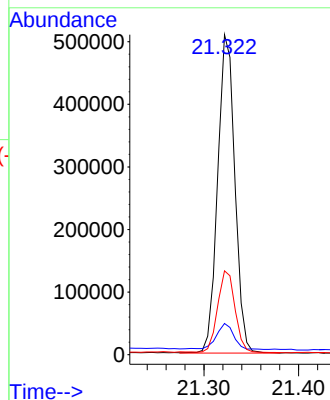
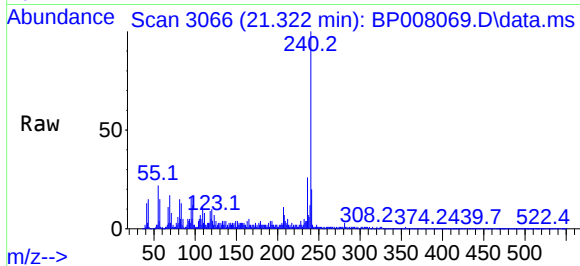




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.322 min Scan# 3066  
Delta R.T. 0.001 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

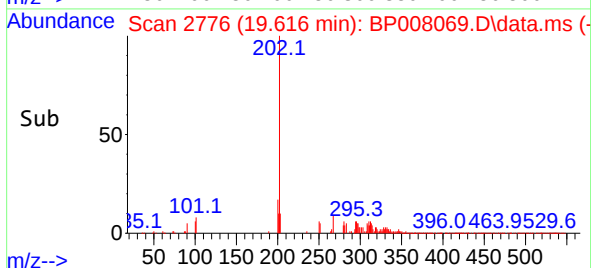
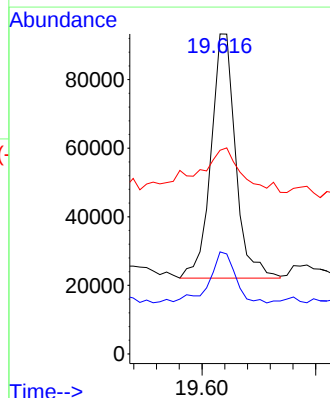
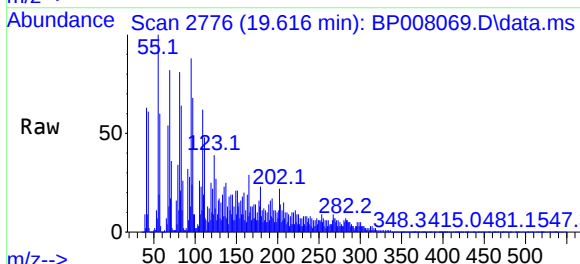
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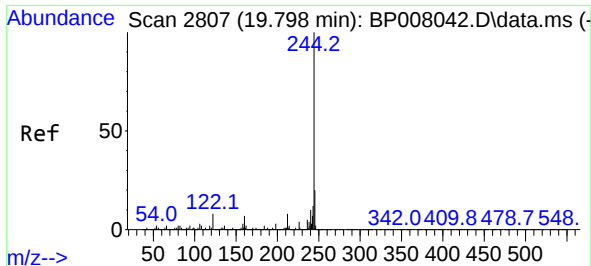
Tgt Ion:240 Resp: 643008  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.4 11.2  
236 26.2 21.0 31.4



#78  
Pyrene  
Concen: 2.465 ng  
RT: 19.616 min Scan# 2776  
Delta R.T. 0.024 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion:202 Resp: 107622  
Ion Ratio Lower Upper  
202 100  
200 31.9 16.9 25.3#  
203 63.7 14.2 21.2#

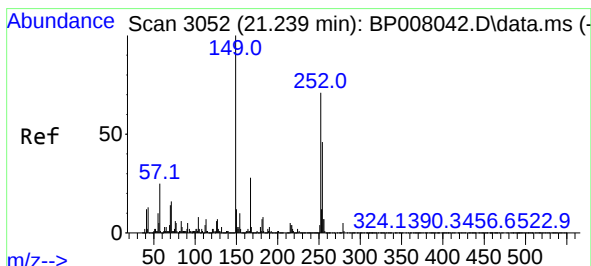
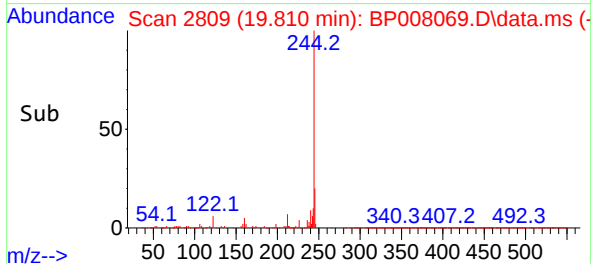
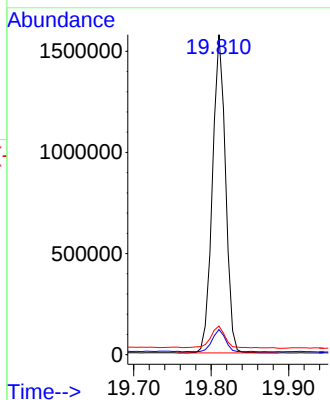
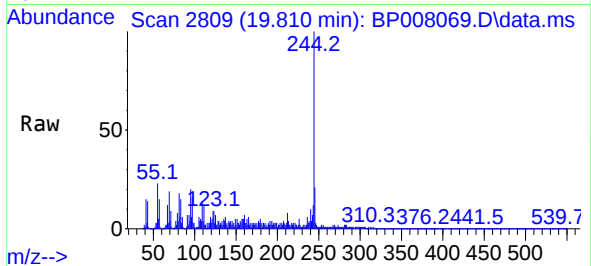




#79  
 Terphenyl-d14  
 Concen: 56.320 ng  
 RT: 19.810 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BP008069.D  
 Acq: 20 Nov 2021 21:39

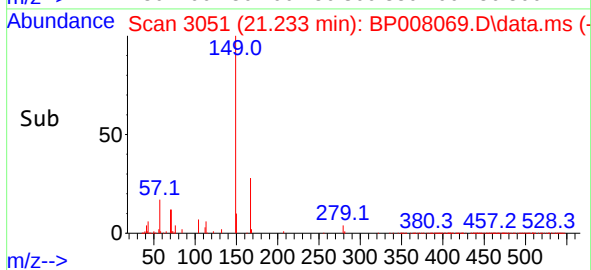
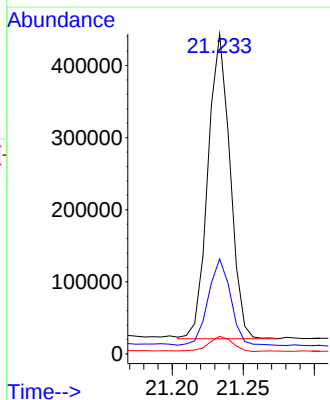
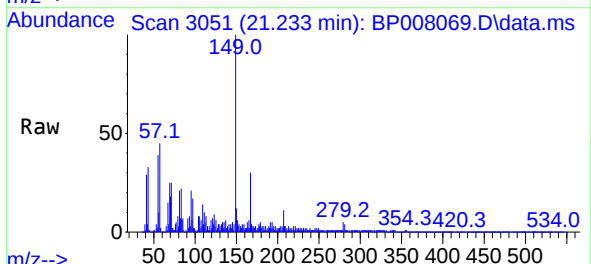
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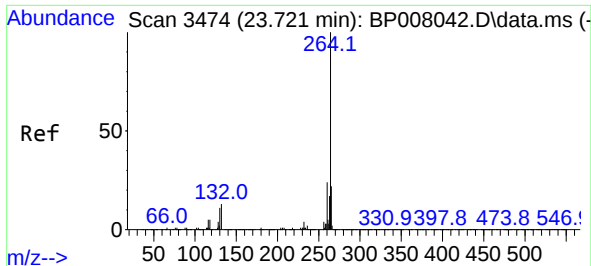
Tgt Ion:244 Resp: 1841964  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 9.0 6.1 9.1



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.524 ng  
 RT: 21.233 min Scan# 3051  
 Delta R.T. -0.006 min  
 Lab File: BP008069.D  
 Acq: 20 Nov 2021 21:39

Tgt Ion:149 Resp: 457174  
 Ion Ratio Lower Upper  
 149 100  
 167 29.7 22.7 34.1  
 279 5.5 4.0 6.0

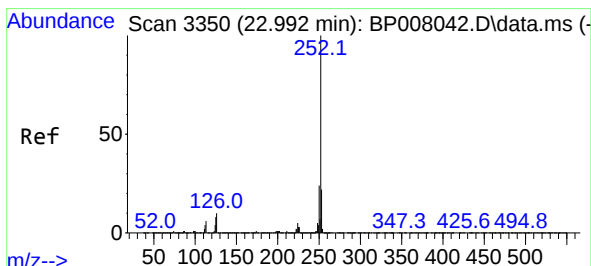
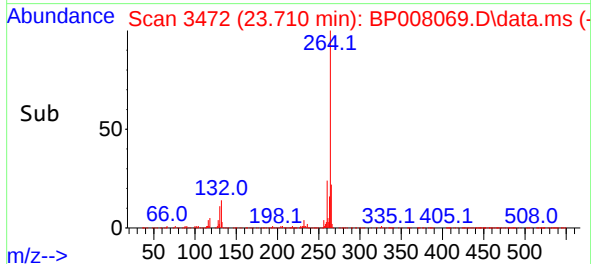
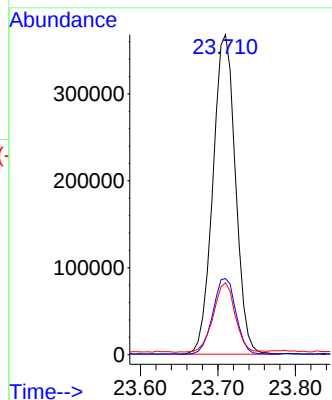
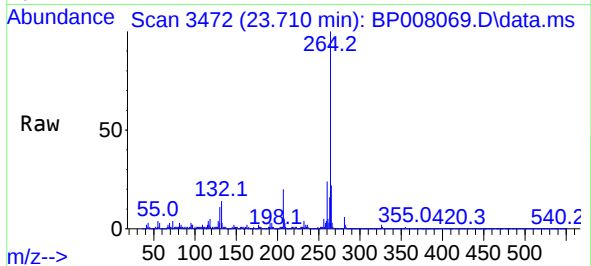




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.710 min Scan# 34  
 Delta R.T. -0.011 min  
 Lab File: BP008069.D  
 Acq: 20 Nov 2021 21:39

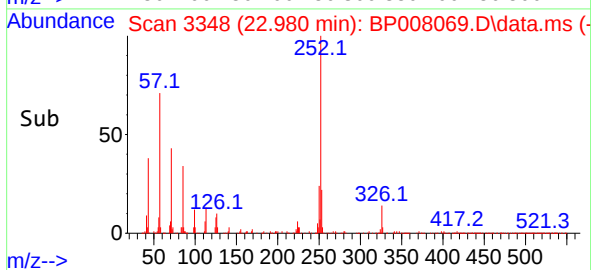
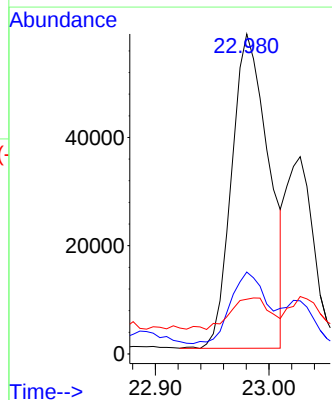
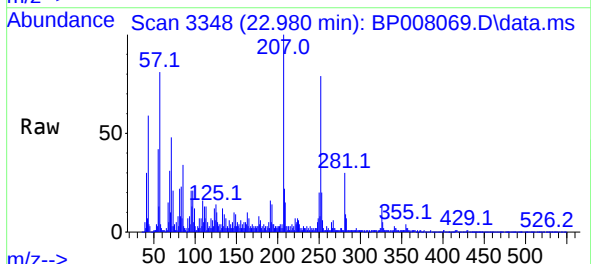
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CHRT-27165

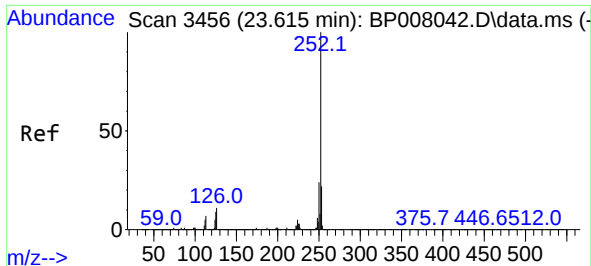
Tgt Ion:264 Resp: 743727  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.0 28.6  
 265 22.5 17.7 26.5



#88  
 Benzo(b)fluoranthene  
 Concen: 2.821 ng  
 RT: 22.980 min Scan# 3348  
 Delta R.T. -0.011 min  
 Lab File: BP008069.D  
 Acq: 20 Nov 2021 21:39

Tgt Ion:252 Resp: 131160  
 Ion Ratio Lower Upper  
 252 100  
 253 25.6 17.4 26.2  
 125 17.1 6.1 9.1#

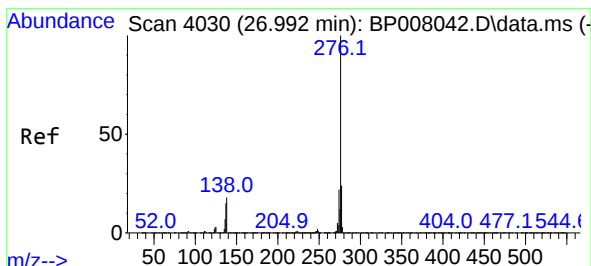
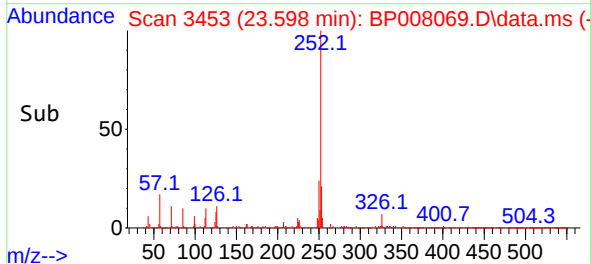
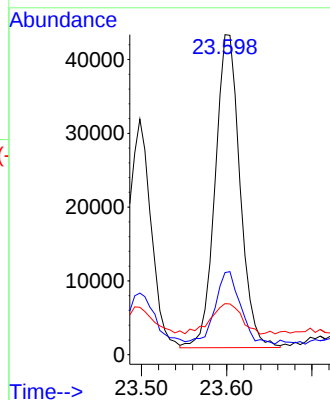
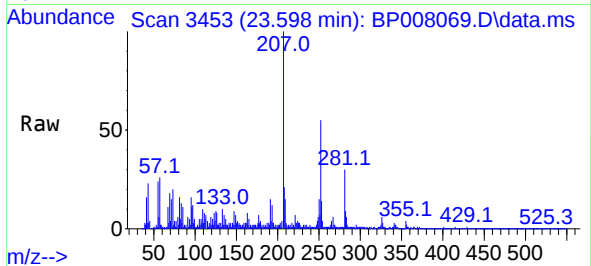




#90  
Benzo(a)pyrene  
Concen: 2.212 ng  
RT: 23.598 min Scan# 34  
Delta R.T. -0.017 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Instrument :  
BNA\_P  
ClientSampleId :  
CHRT-27165

Tgt Ion:252 Resp: 86212  
Ion Ratio Lower Upper  
252 100  
253 25.7 17.4 26.2  
125 15.9 7.4 11.2#



#92  
Benzo(g,h,i)perylene  
Concen: 2.074 ng  
RT: 26.957 min Scan# 4024  
Delta R.T. -0.035 min  
Lab File: BP008069.D  
Acq: 20 Nov 2021 21:39

Tgt Ion:276 Resp: 87289  
Ion Ratio Lower Upper  
276 100  
277 24.6 19.0 28.6  
138 24.9 14.2 21.2#

