

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111820\  
 Data File : BP004002.D  
 Acq On : 18 Nov 2020 19:58  
 Operator : CG/JU  
 Sample : L4770-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FJ-BH-01-0-1

Manual Integrations  
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 11/23/2020 11:33:07 PM

Quant Time: Nov 19 01:34:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 12 15:22:47 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.287  | 152  | 154992   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.116 | 136  | 587559   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.910 | 164  | 344583   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.645 | 188  | 678090   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.680 | 240  | 592704   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.180 | 264  | 635562   | 20.00 | ng    | 0.02     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.811  | 112  | 909123   | 97.90 | ng    | 0.00     |
| 7) Phenol-d6                | 7.463  | 99   | 1152553  | 86.46 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.452  | 82   | 744392   | 62.05 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.392 | 330  | 374492   | 86.89 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.534 | 172  | 1609356  | 65.29 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.139 | 244  | 1859477  | 60.61 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 50) Dimethylphthalate       | 14.334 | 163  | 308564   | 11.46 | ng    | 99       |
| 71) Phenanthrene            | 17.686 | 178  | 125657   | 3.30  | ng    | 98       |
| 75) Fluoranthene            | 19.622 | 202  | 265560   | 6.05  | ng    | 98       |
| 78) Pyrene                  | 19.969 | 202  | 270976   | 6.74  | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.663 | 228  | 134725   | 3.45  | ng    | # 87     |
| 83) Chrysene                | 21.716 | 228  | 159966   | 4.26  | ng    | # 85     |
| 87) Indeno(1,2,3-cd)pyrene  | 26.762 | 276  | 122969   | 2.68  | ng    | # 95     |
| 88) Benzo(b)fluoranthene    | 23.421 | 252  | 226732m  | 5.45  | ng    |          |
| 90) Benzo(a)pyrene          | 24.068 | 252  | 158429   | 4.11  | ng    | # 71     |
| 92) Benzo(g,h,i)perylene    | 27.568 | 276  | 131518   | 3.56  | ng    | # 84     |
| -----                       |        |      |          |       |       |          |

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

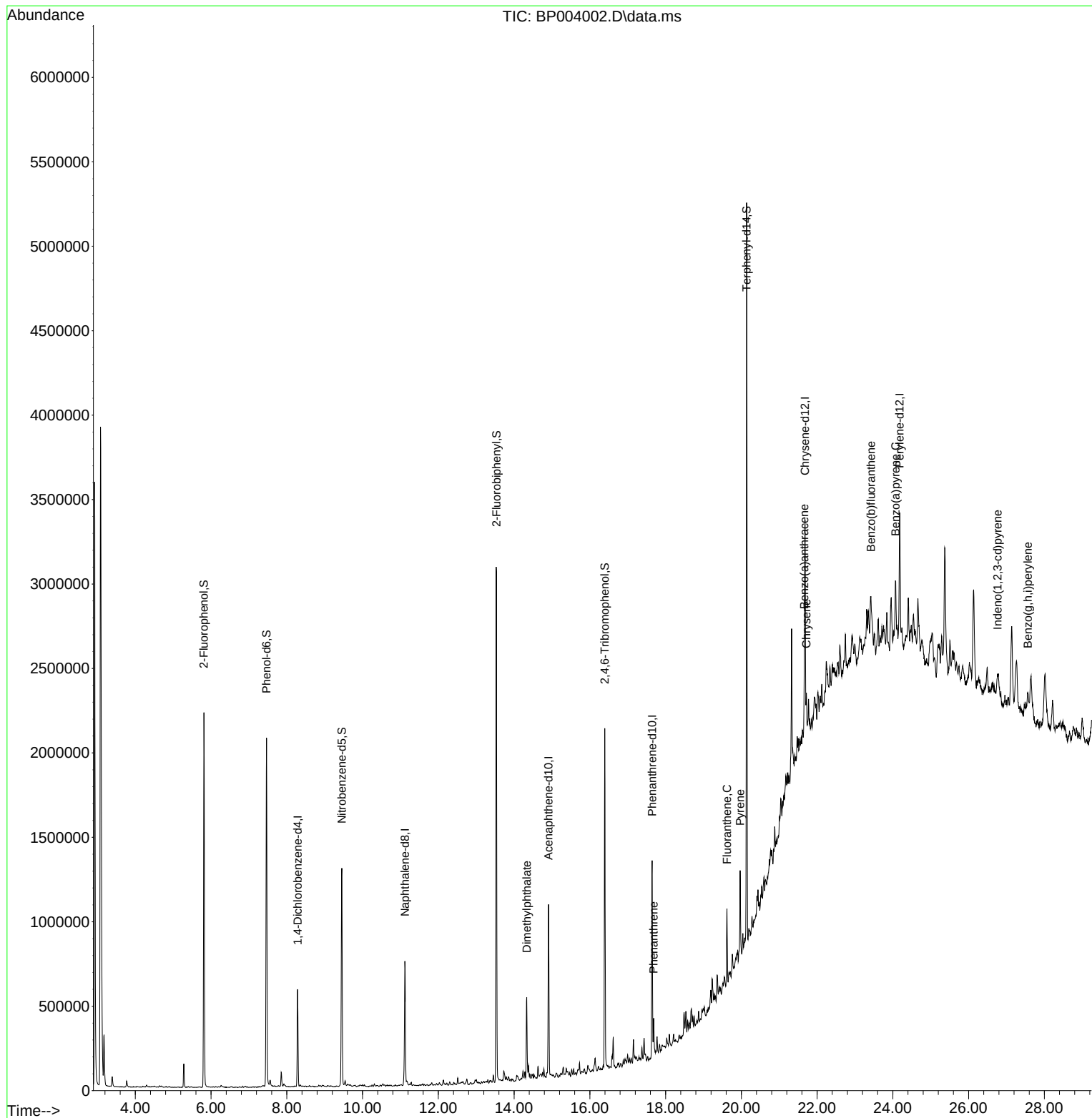
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111820\  
Data File : BP004002.D  
Acq On : 18 Nov 2020 19:58  
Operator : CG/JU  
Sample : L4770-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

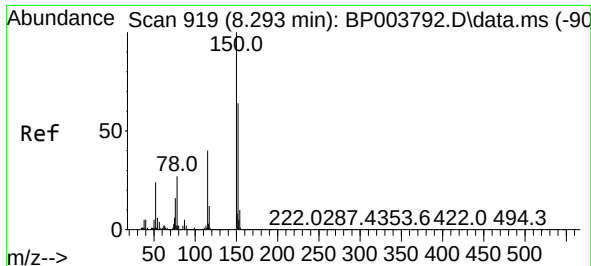
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

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Quant Time: Nov 19 01:34:42 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 12 15:22:47 2020  
Response via : Initial Calibration





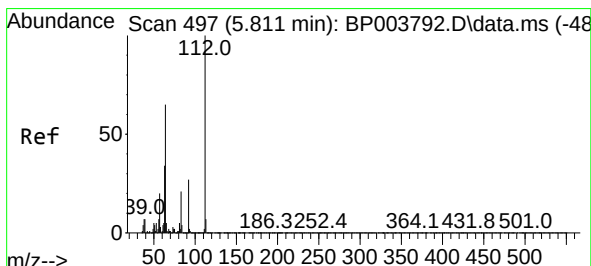
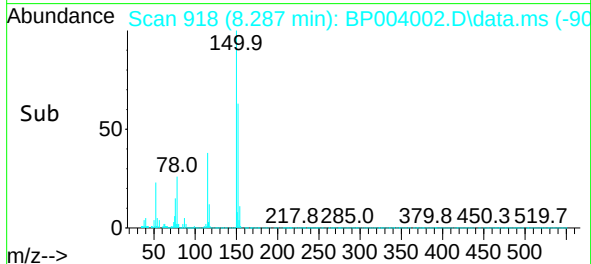
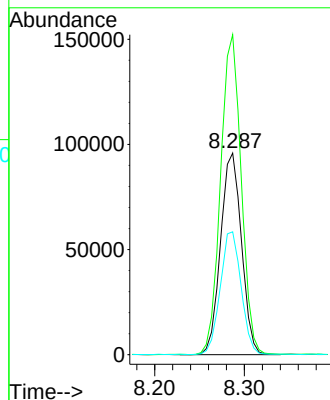
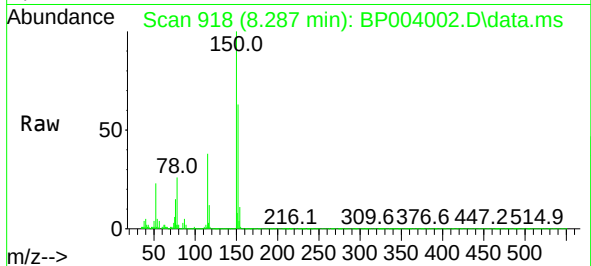
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.287 min Scan# 918  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
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Tgt Ion:152 Resp: 154992  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.8 185.6  
115 61.0 43.8 65.6

Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

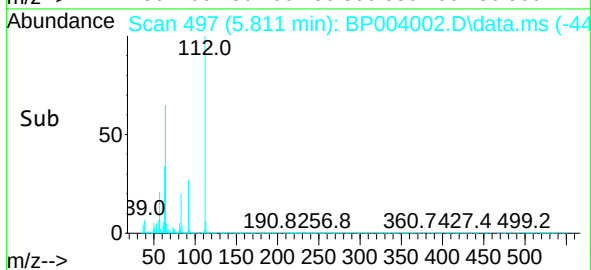
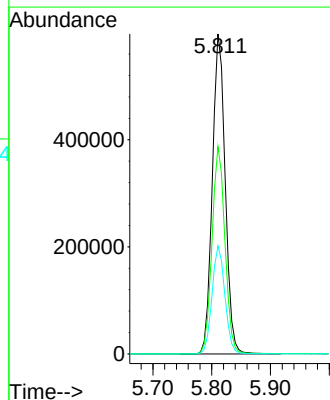
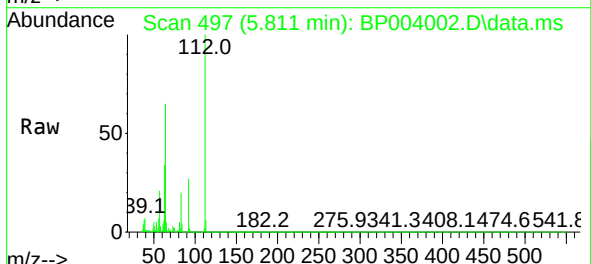
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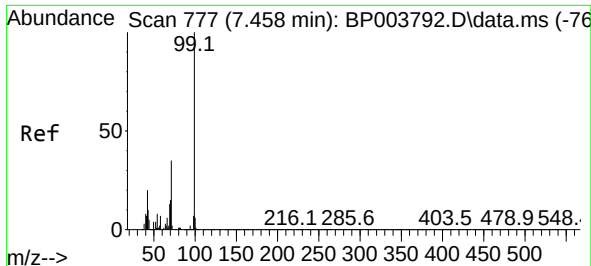
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#5  
2-Fluorophenol  
Concen: 97.90 ng  
RT: 5.811 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

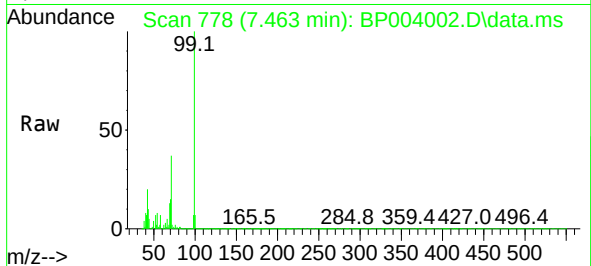
Tgt Ion:112 Resp: 909123  
Ion Ratio Lower Upper  
112 100  
64 64.9 32.8 49.2#  
63 33.8 17.0 25.4#





#7  
Phenol-d6  
Concen: 86.46 ng  
RT: 7.463 min Scan# 778  
Delta R.T. 0.012 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

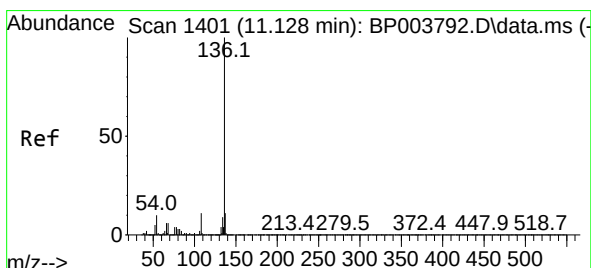
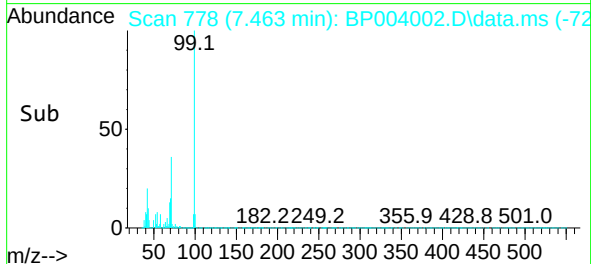
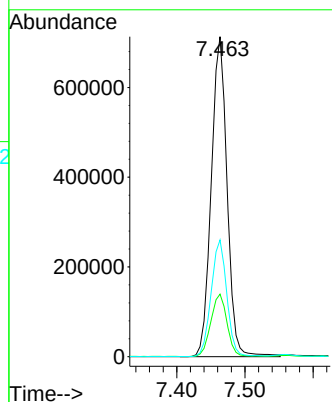
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 99 Resp: 1152553  
Ion Ratio Lower Upper  
99 100  
42 19.6 8.6 13.0#  
71 36.5 23.4 35.2#

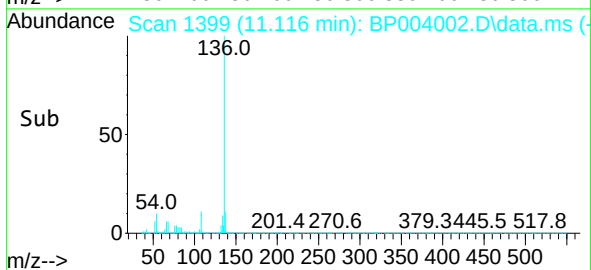
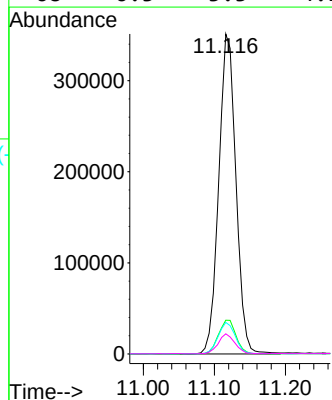
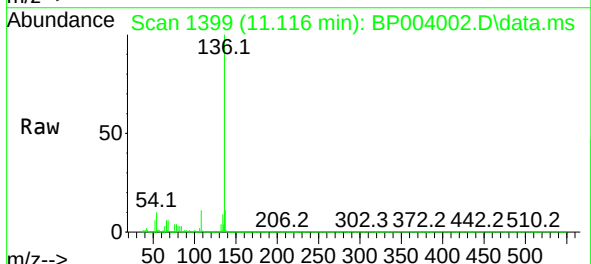
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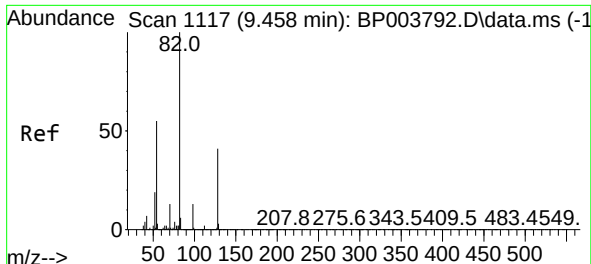
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.116 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

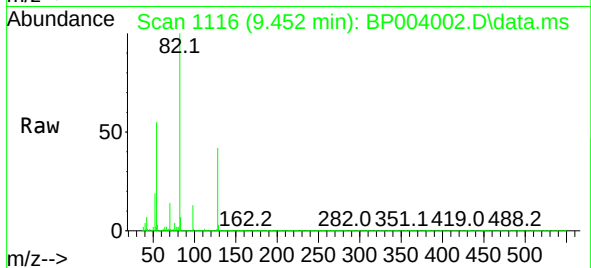
Tgt Ion: 136 Resp: 587559  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 9.9 3.6 5.4#  
68 6.3 3.3 4.9#





#23  
Nitrobenzene-d5  
Concen: 62.05 ng  
RT: 9.452 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

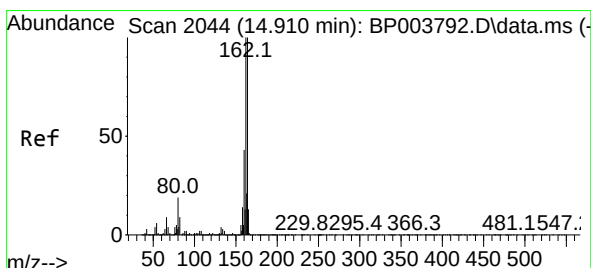
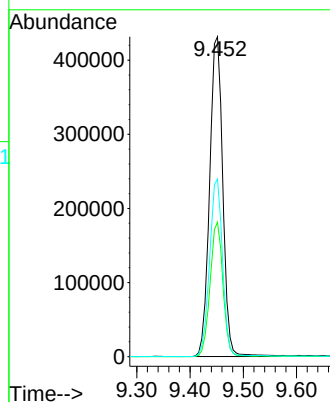
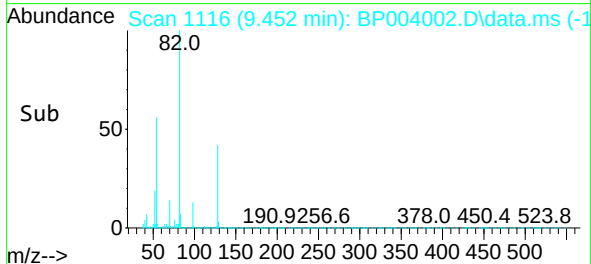
Instrument :  
BNA\_P  
ClientSampleId :  
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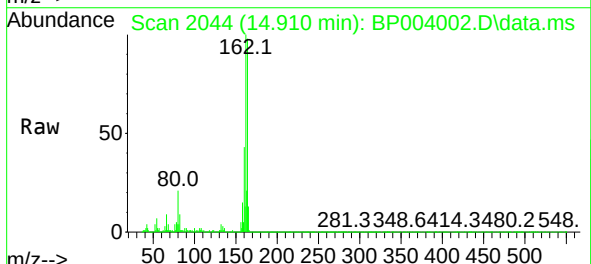
Tgt Ion: 82 Resp: 744392  
Ion Ratio Lower Upper  
82 100  
128 42.1 45.6 68.4#  
54 55.5 30.1 45.1#

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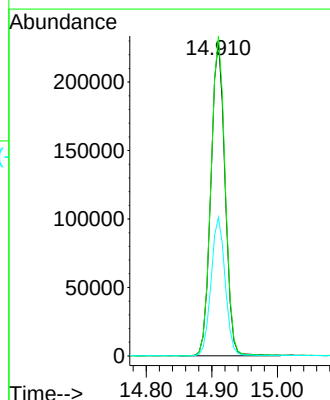
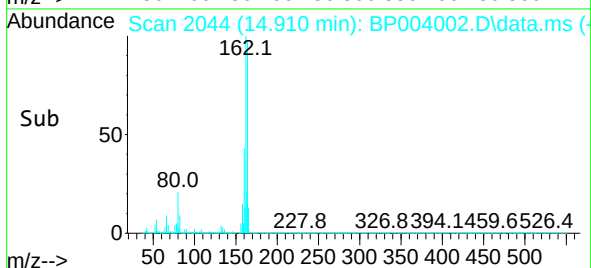
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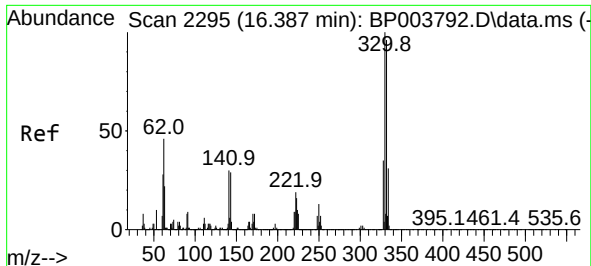


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.910 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58



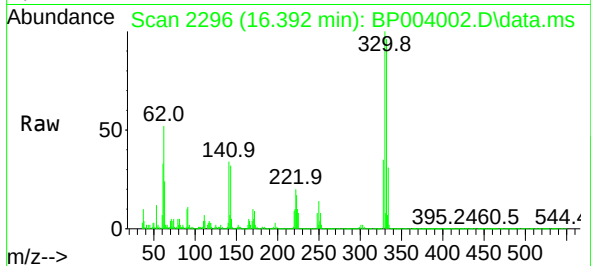
Tgt Ion: 164 Resp: 344583  
Ion Ratio Lower Upper  
164 100  
162 101.6 79.4 119.2  
160 44.0 36.1 54.1





#42  
2,4,6-Tribromophenol  
Concen: 86.89 ng  
RT: 16.392 min Scan# 2296  
Delta R.T. 0.000 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

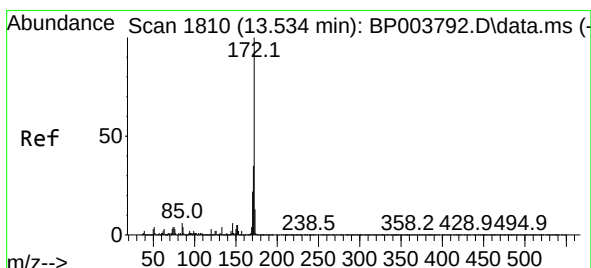
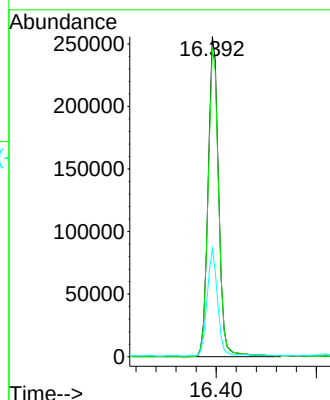
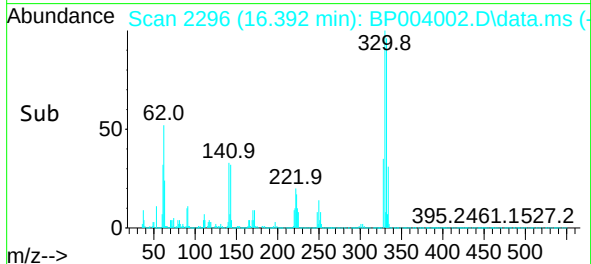
Instrument :  
BNA\_P  
ClientSampleId :  
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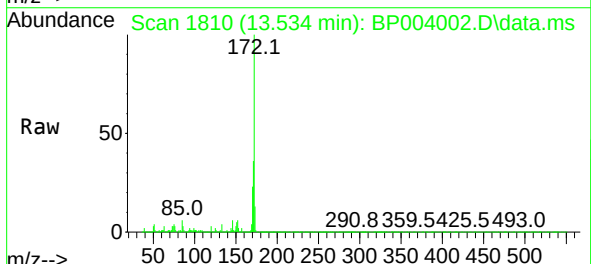
Tgt Ion: 330 Resp: 374492  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.1 115.7  
141 32.9 23.4 35.2

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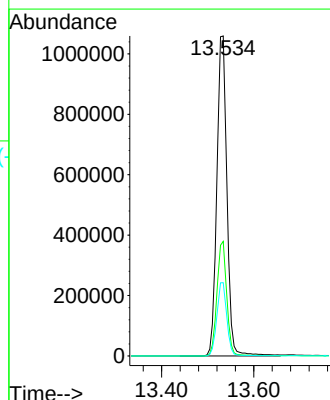
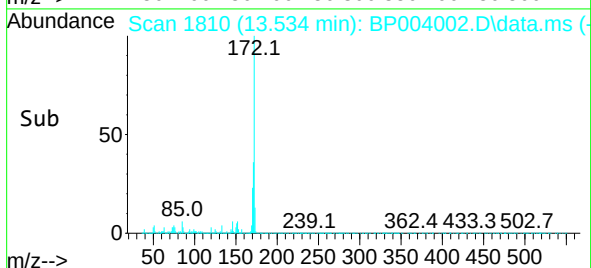
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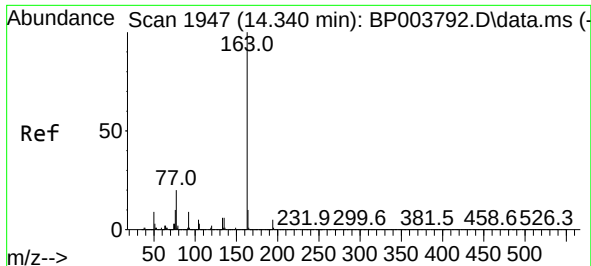


#45  
2-Fluorobiphenyl  
Concen: 65.29 ng  
RT: 13.534 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58



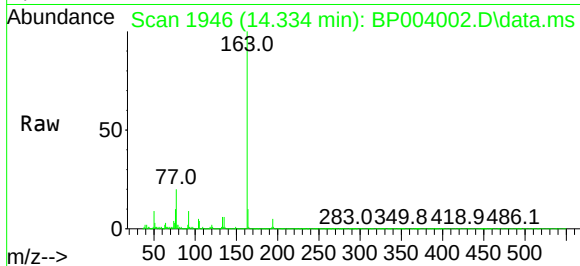
Tgt Ion: 172 Resp: 1609356  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 22.9 19.2 28.8





#50  
Dimethylphthalate  
Concen: 11.46 ng  
RT: 14.334 min Scan# 1946  
Delta R.T. 0.000 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

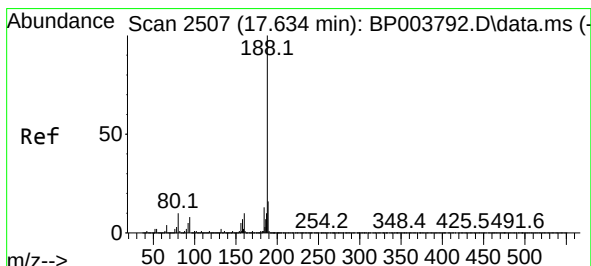
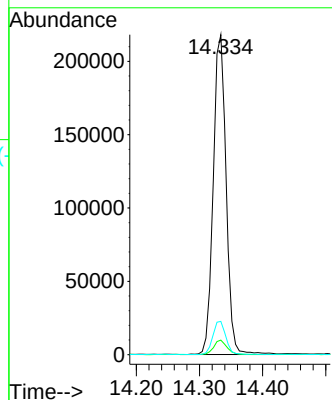
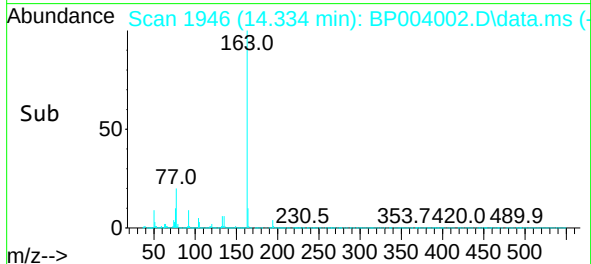
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1



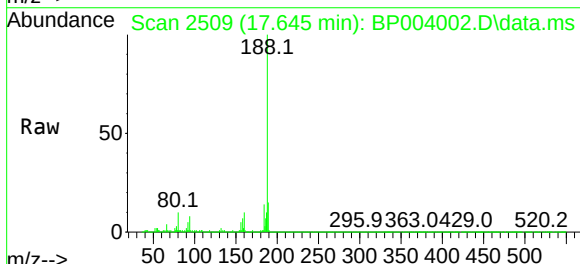
Tgt Ion:163 Resp: 308564  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.3 4.9  
164 10.4 8.2 12.2

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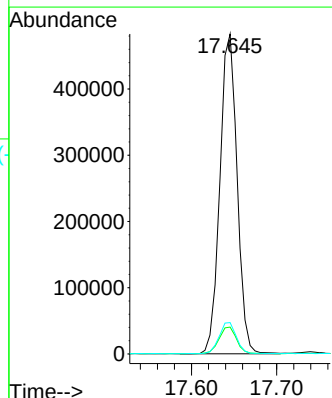
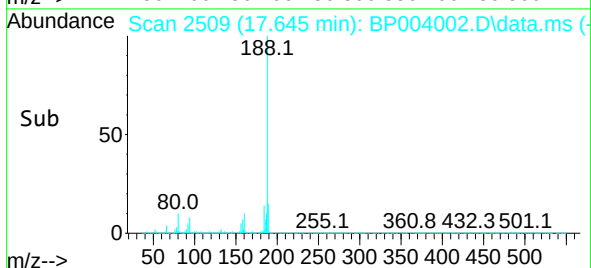
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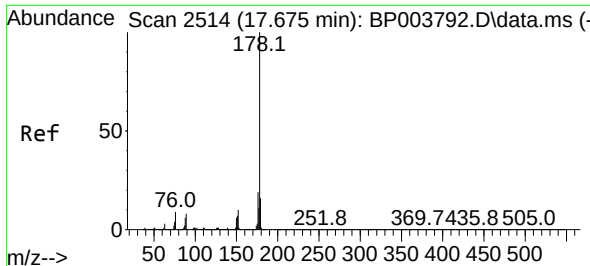


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.645 min Scan# 2509  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58



Tgt Ion:188 Resp: 678090  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.2 9.2  
80 9.8 6.2 9.2#





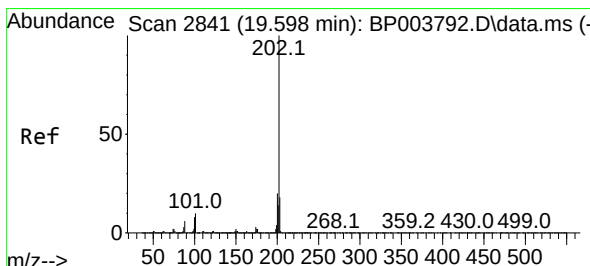
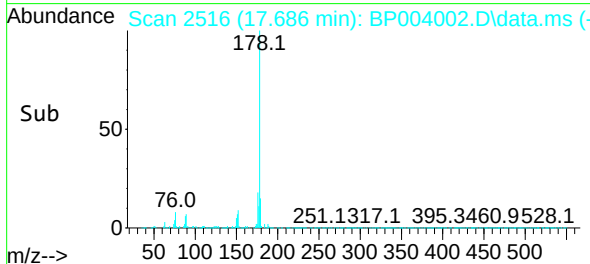
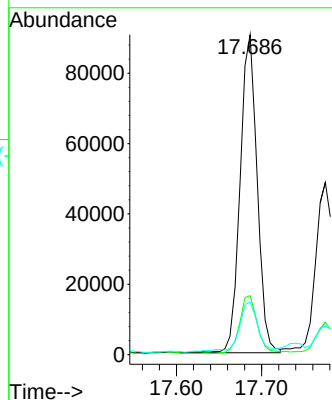
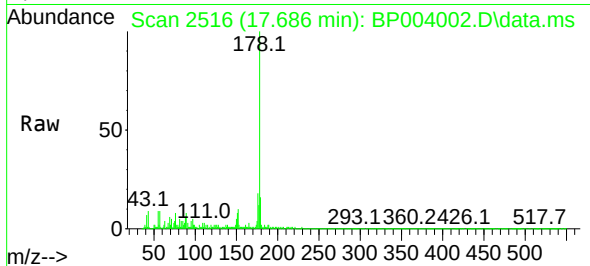
#71  
Phenanthrene  
Concen: 3.30 ng  
RT: 17.686 min Scan# 2516  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

Tgt Ion:178 Resp: 125657  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.3 22.9  
179 16.5 12.5 18.7

Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

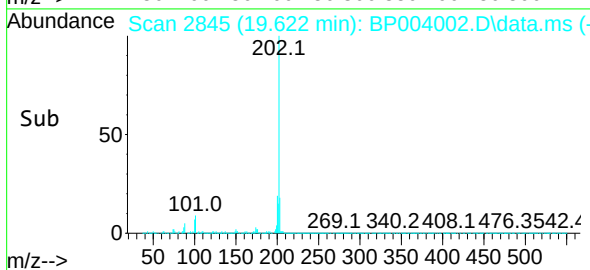
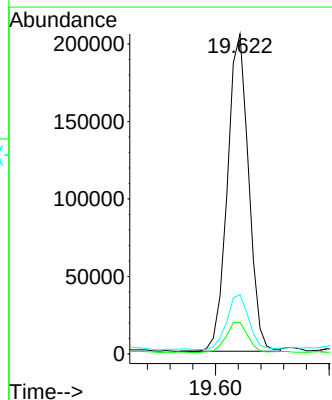
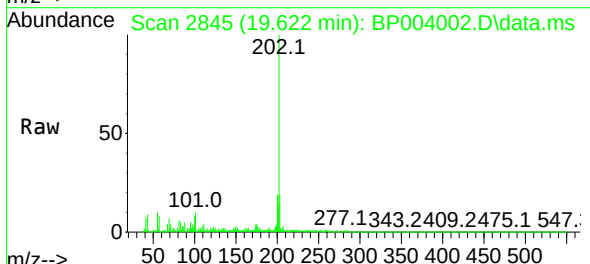
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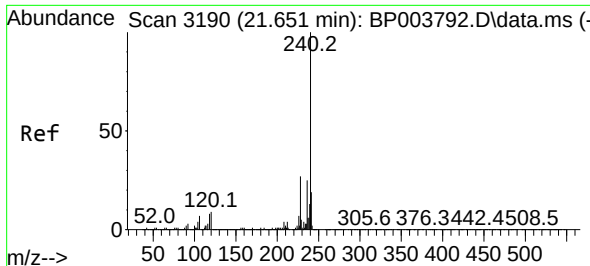


#75  
Fluoranthene  
Concen: 6.05 ng  
RT: 19.622 min Scan# 2845  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

Tgt Ion:202 Resp: 265560  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 29.4  
203 18.5 0.0 37.8







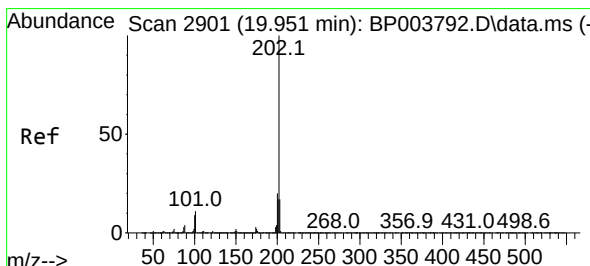
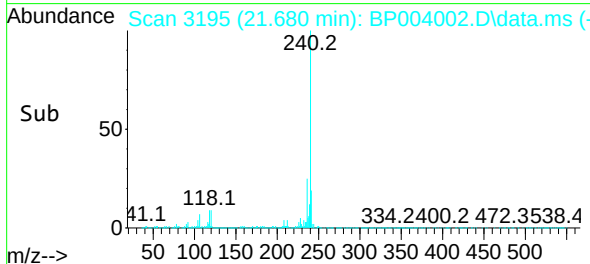
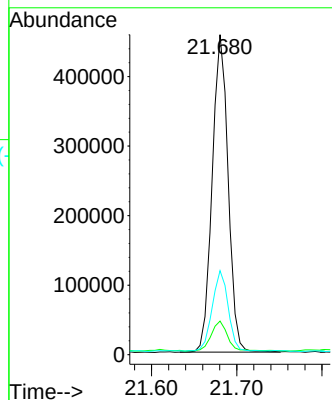
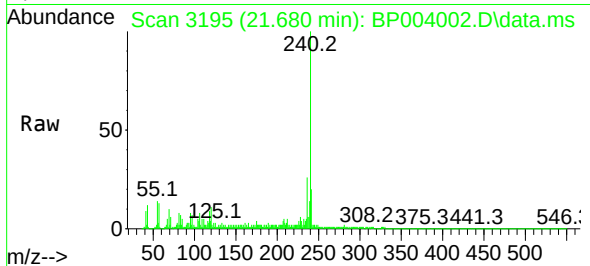
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.680 min Scan# 3195  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

Tgt Ion:240 Resp: 592704  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.8 11.6  
236 26.3 20.8 31.2

Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

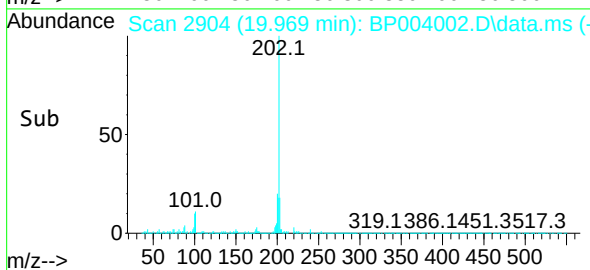
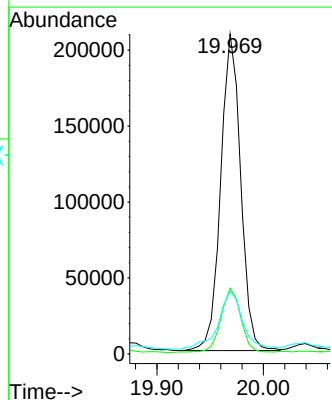
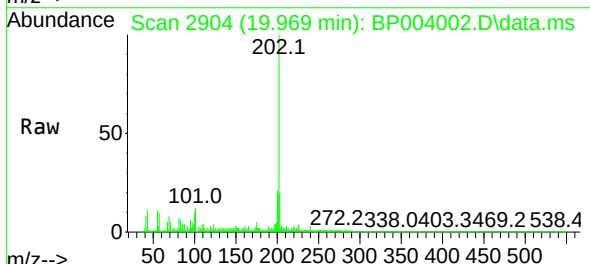
Manual Integrations  
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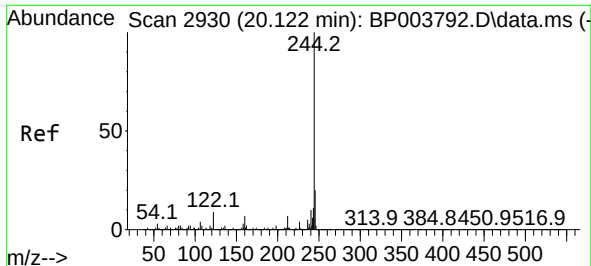
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#78  
Pyrene  
Concen: 6.74 ng  
RT: 19.969 min Scan# 2904  
Delta R.T. 0.006 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

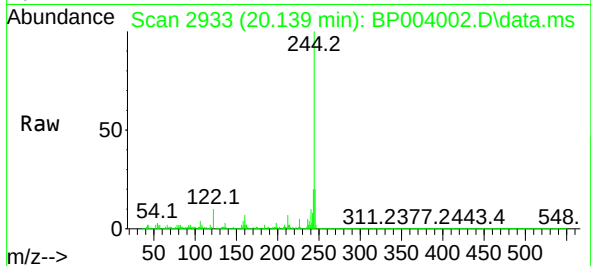
Tgt Ion:202 Resp: 270976  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.1 25.7  
203 19.5 14.2 21.2





#79  
 Terphenyl-d14  
 Concen: 60.61 ng  
 RT: 20.139 min Scan# 2933  
 Delta R.T. 0.006 min  
 Lab File: BP004002.D  
 Acq: 18 Nov 2020 19:58

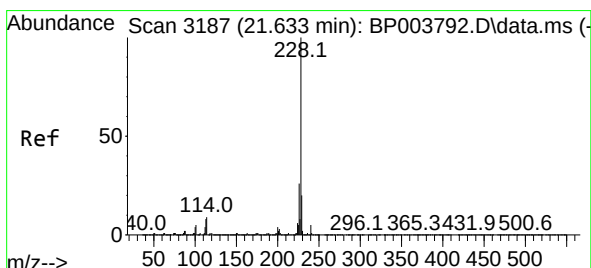
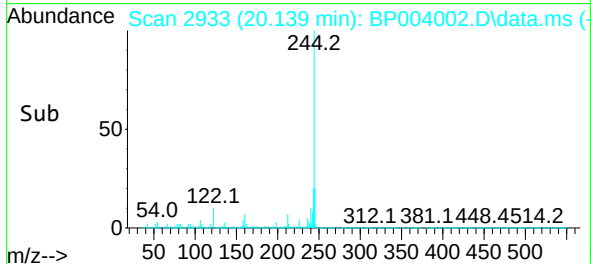
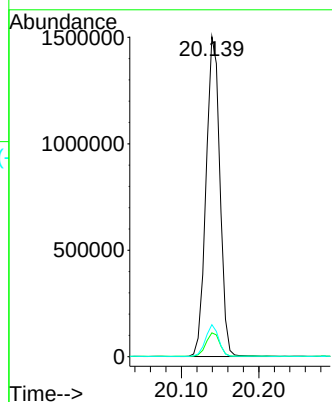
Instrument :  
 BNA\_P  
 ClientSampleId :  
 FJ-BH-01-0-1



Tgt Ion:244 Resp: 1859477  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.8 8.6  
 122 10.0 7.8 11.8

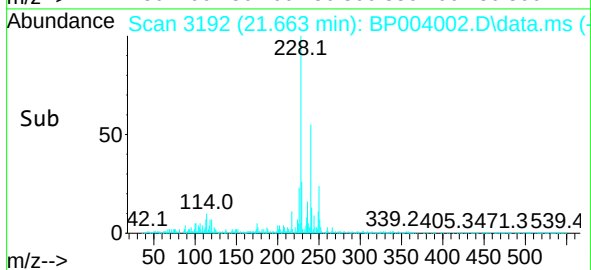
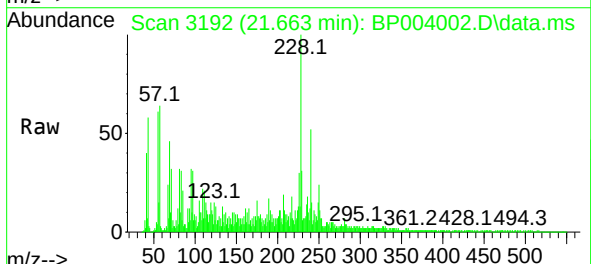
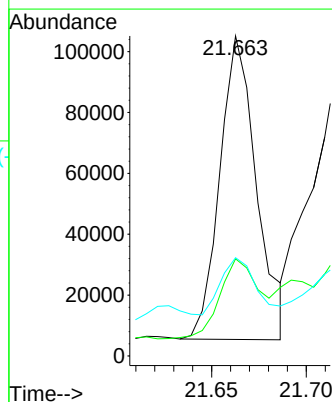
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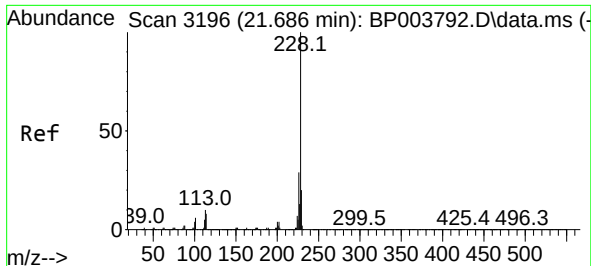
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#81  
 Benzo(a)anthracene  
 Concen: 3.45 ng  
 RT: 21.663 min Scan# 3192  
 Delta R.T. 0.006 min  
 Lab File: BP004002.D  
 Acq: 18 Nov 2020 19:58

Tgt Ion:228 Resp: 134725  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 22.1 33.1  
 229 30.7 15.9 23.9#





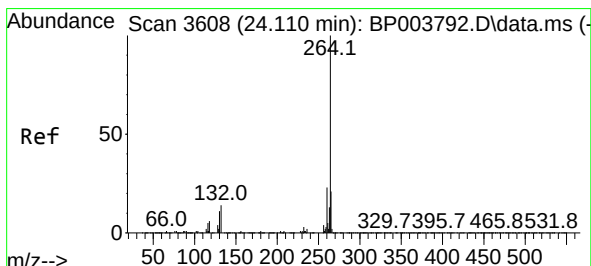
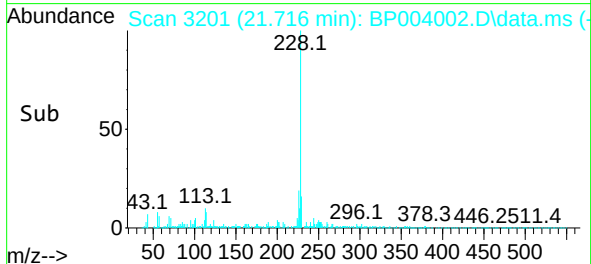
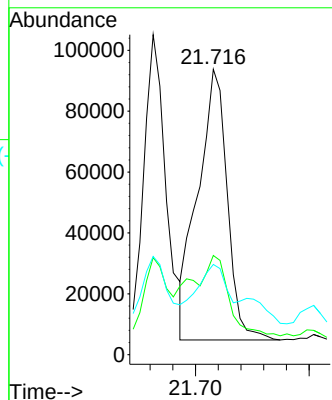
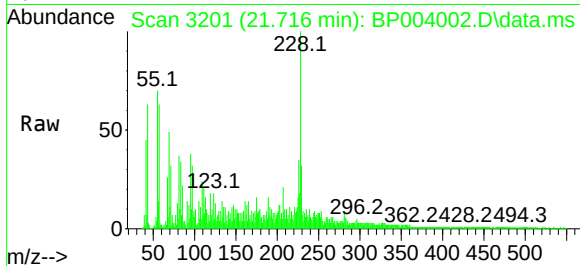
#83  
Chrysene  
Concen: 4.26 ng  
RT: 21.716 min Scan# 3201  
Delta R.T. 0.000 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

Tgt Ion: 228 Resp: 159966  
Ion Ratio Lower Upper  
228 100  
226 34.7 24.4 36.6  
229 31.6 15.8 23.6#

Instrument :  
BNA\_P  
ClientSampled :  
FJ-BH-01-0-1

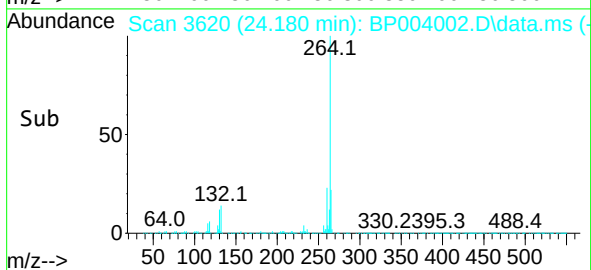
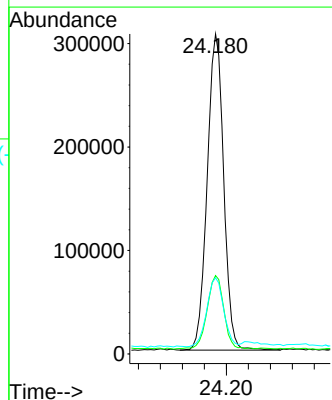
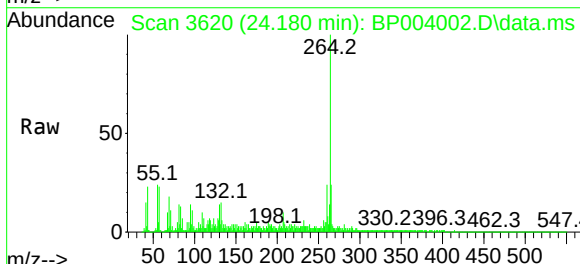
Manual Integrations  
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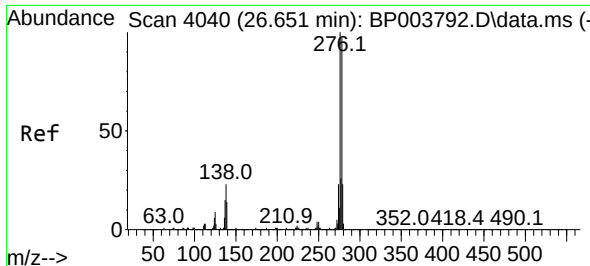
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.180 min Scan# 3620  
Delta R.T. 0.024 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

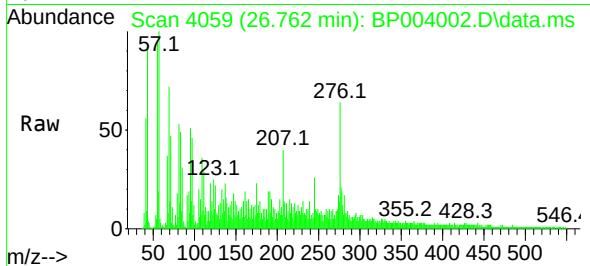
Tgt Ion: 264 Resp: 635562  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.8 28.2  
265 23.8 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 2.68 ng  
RT: 26.762 min Scan# 4059  
Delta R.T. 0.035 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

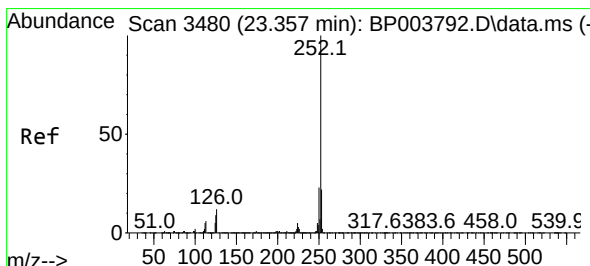
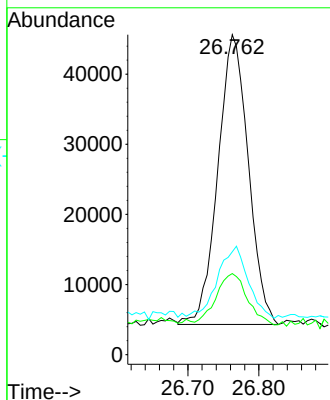
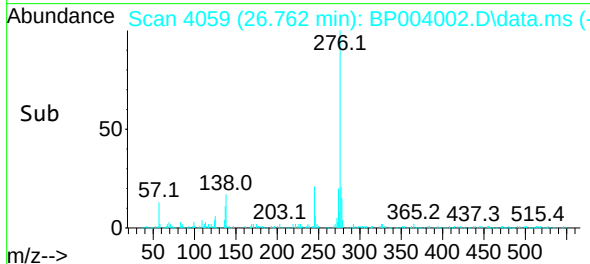
Instrument :  
BNA\_P  
ClientSampled :  
FJ-BH-01-0-1



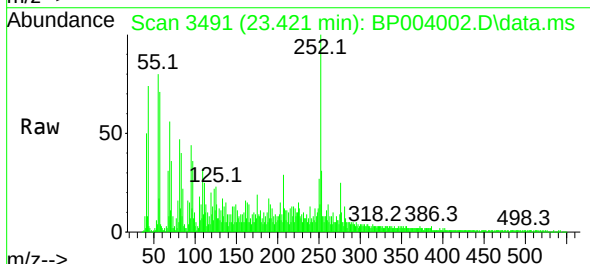
Tgt Ion: 276 Resp: 122969  
Ion Ratio Lower Upper  
276 100  
138 18.6 18.7 28.1#  
277 25.4 20.4 30.6

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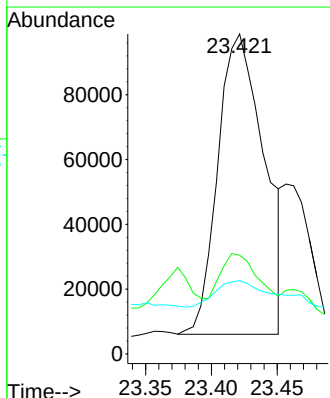
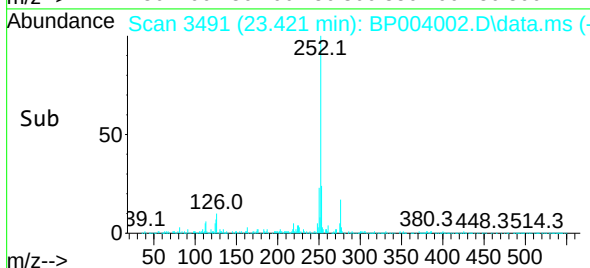
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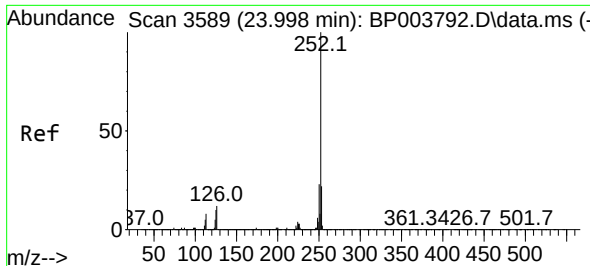


#88  
Benzo(b)fluoranthene  
Concen: 5.45 ng m  
RT: 23.421 min Scan# 3491  
Delta R.T. 0.018 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58



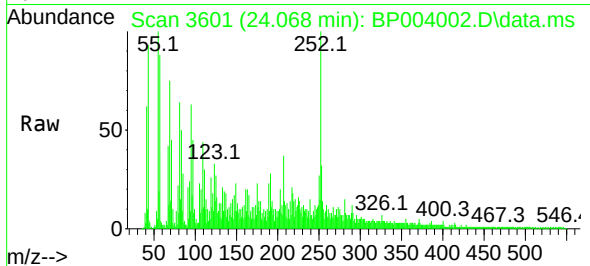
Tgt Ion: 252 Resp: 226732  
Ion Ratio Lower Upper  
252 100  
253 30.9 17.6 26.4#  
125 22.9 7.3 10.9#





#90  
Benzo(a)pyrene  
Concen: 4.11 ng  
RT: 24.068 min Scan# 3601  
Delta R.T. 0.018 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58

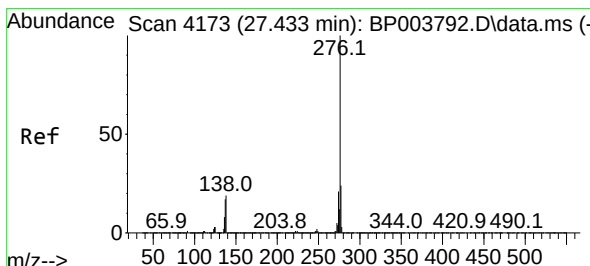
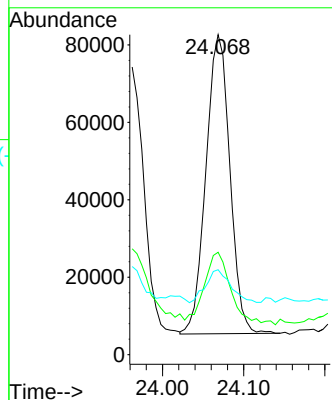
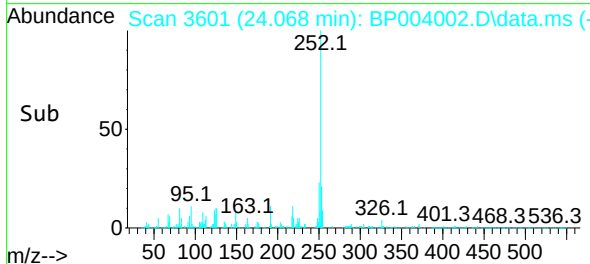
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1



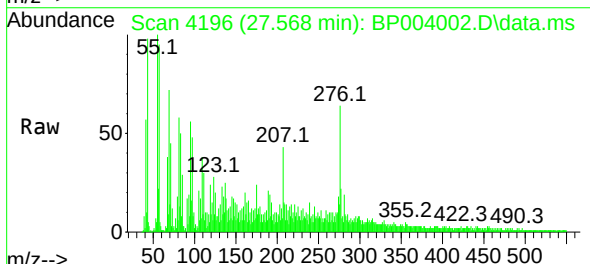
Tgt Ion:252 Resp: 158429  
Ion Ratio Lower Upper  
252 100  
253 32.0 17.4 26.0#  
125 26.6 8.2 12.4#

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#92  
Benzo(g,h,i)perylene  
Concen: 3.56 ng  
RT: 27.568 min Scan# 4196  
Delta R.T. 0.047 min  
Lab File: BP004002.D  
Acq: 18 Nov 2020 19:58



Tgt Ion:276 Resp: 131518  
Ion Ratio Lower Upper  
276 100  
277 34.2 19.0 28.6#  
138 25.9 16.6 24.8#

