

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111720\  
 Data File : BP003987.D  
 Acq On : 17 Nov 2020 21:52  
 Operator : CG/JU  
 Sample : L4770-01 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Nov 18 02:11:41 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

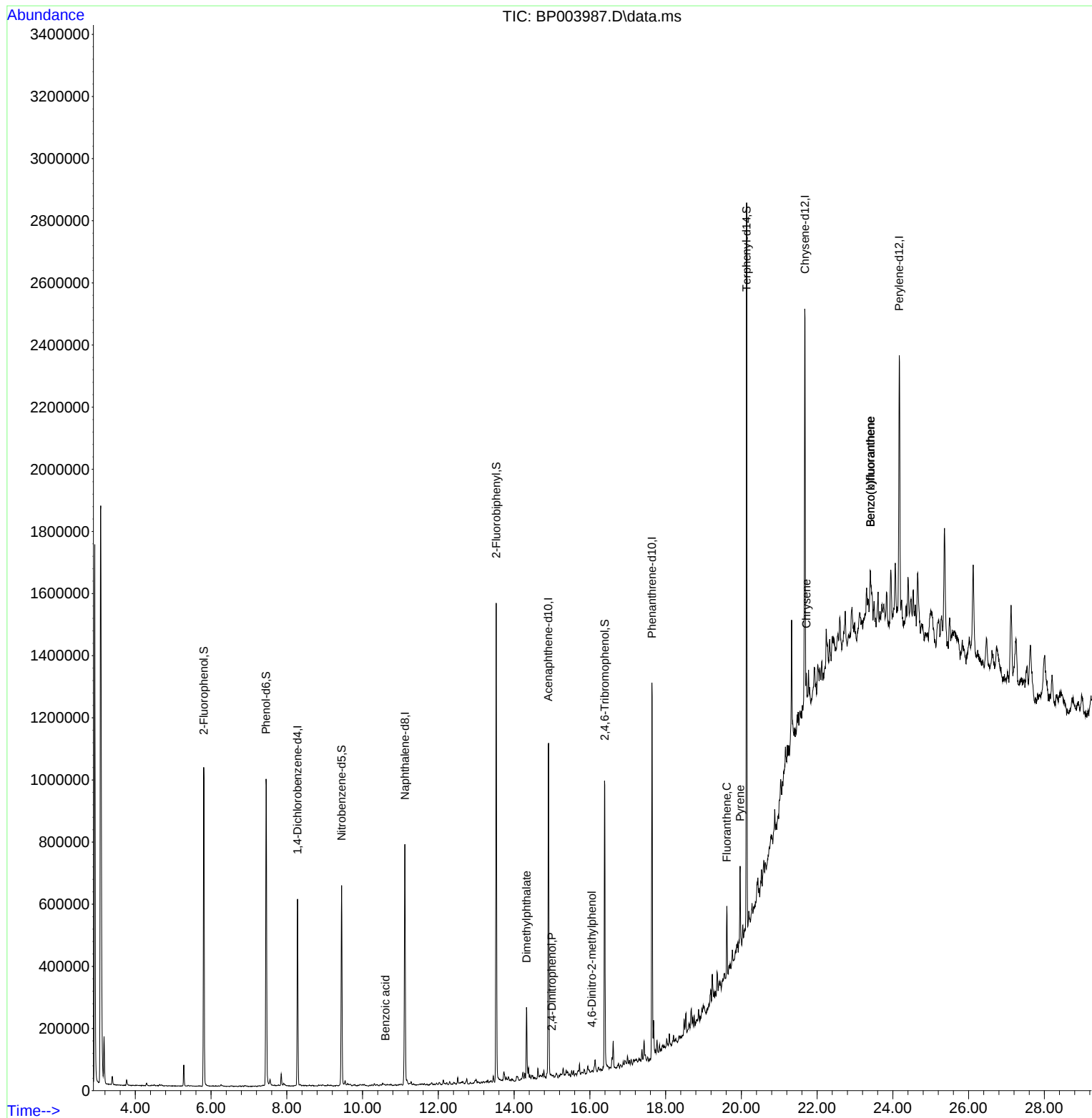
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.281  | 152  | 158567   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.116 | 136  | 613923   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.904 | 164  | 368094   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.639 | 188  | 730996   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.680 | 240  | 639422   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.169 | 264  | 679886   | 20.00     | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.811  | 112  | 426881   | 44.93     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 550525   | 40.37     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.446  | 82   | 355888   | 28.39     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.392 | 330  | 182111   | 39.56     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.528 | 172  | 791244   | 30.05     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.139 | 244  | 946569   | 28.60     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.393  | 77   | 605      | Below Cal | #     | 43       |
| 32) Benzoic acid              | 10.605 | 122  | 165      | 8.33      | ng    | 95       |
| 50) Dimethylphthalate         | 14.328 | 163  | 149029   | 5.18      | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.993 | 184  | 46       | 2.75      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.051 | 198  | 78       | 6.36      | ng    | # 1      |
| 75) Fluoranthene              | 19.616 | 202  | 132724   | 2.80      | ng    | 98       |
| 78) Pyrene                    | 19.969 | 202  | 138289   | 3.19      | ng    | 97       |
| 83) Chrysene                  | 21.716 | 228  | 82813    | 2.04      | ng    | # 83     |
| 88) Benzo(b)fluoranthene      | 23.410 | 252  | 155095   | 3.49      | ng    | # 76     |
| 89) Benzo(k)fluoranthene      | 23.410 | 252  | 155095   | 3.53      | ng    | # 76     |
| -----                         |        |      |          |           |       |          |

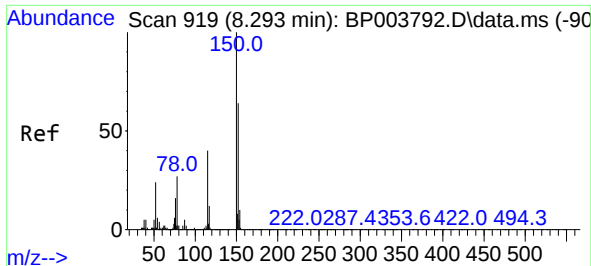
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 12 15:22:47 2020  
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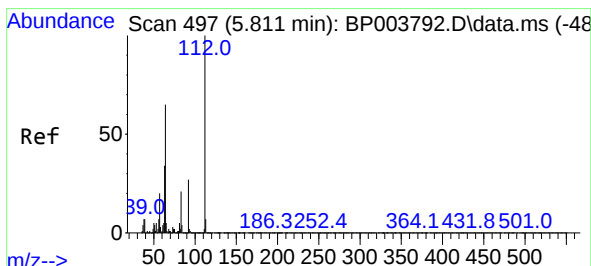
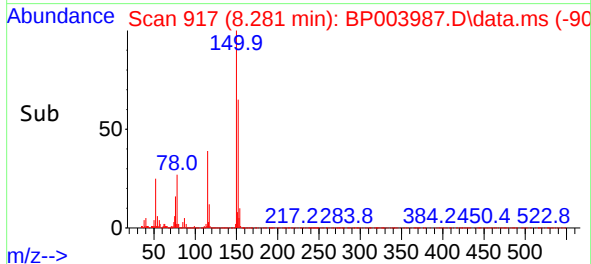
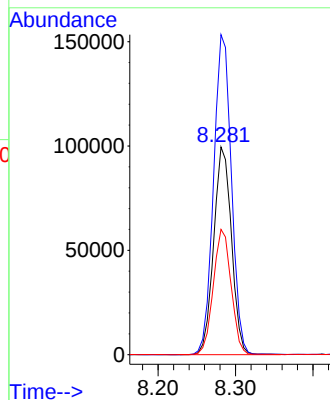
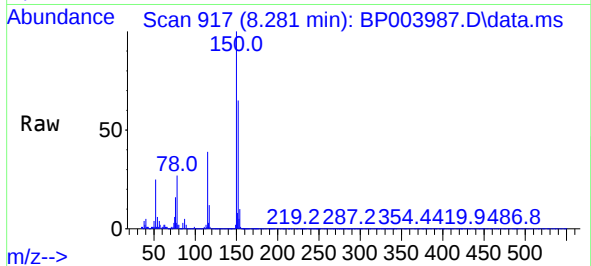




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.281 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

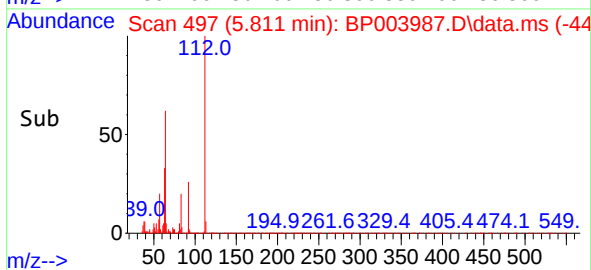
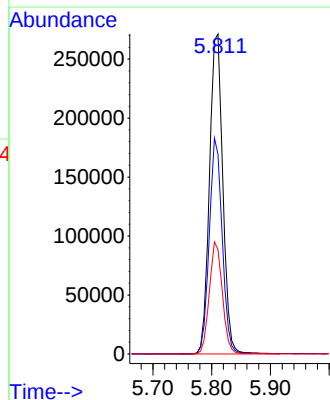
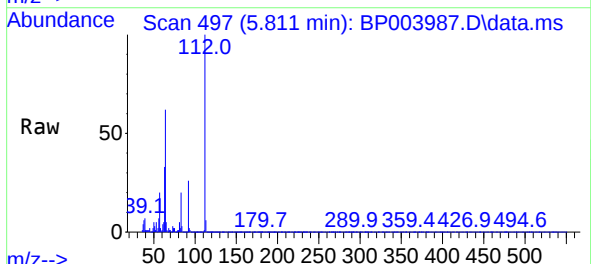
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BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

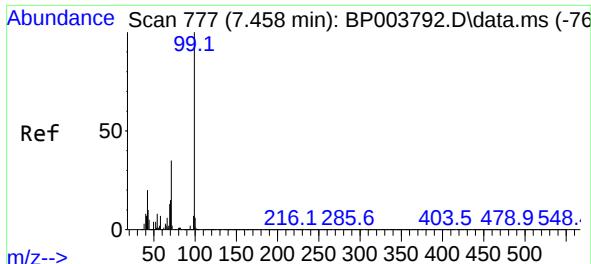
Tgt Ion:152 Resp: 158567  
Ion Ratio Lower Upper  
152 100  
150 154.0 123.8 185.6  
115 60.3 43.8 65.6



#5  
2-Fluorophenol  
Concen: 44.93 ng  
RT: 5.811 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion:112 Resp: 426881  
Ion Ratio Lower Upper  
112 100  
64 62.4 32.8 49.2#  
63 32.6 17.0 25.4#

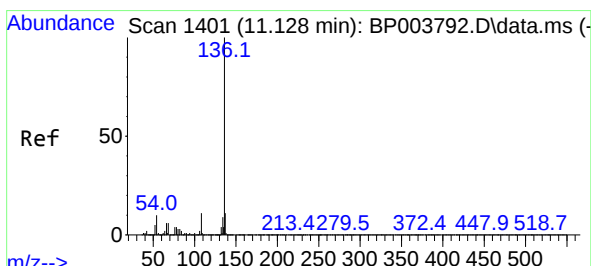
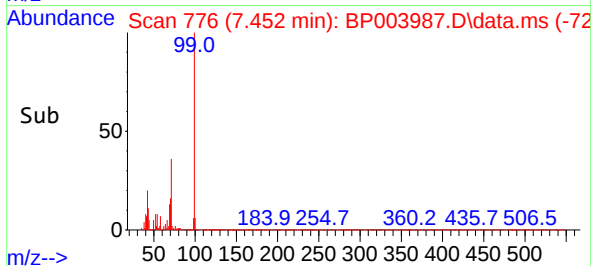
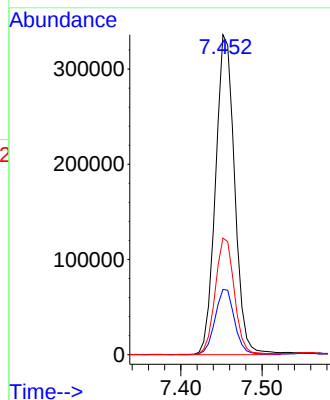
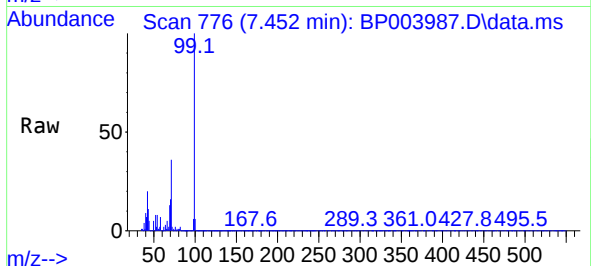




#7  
Phenol-d6  
Concen: 40.37 ng  
RT: 7.452 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

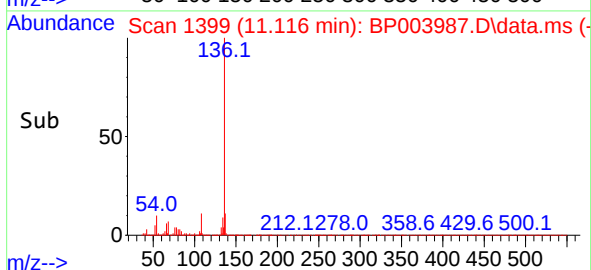
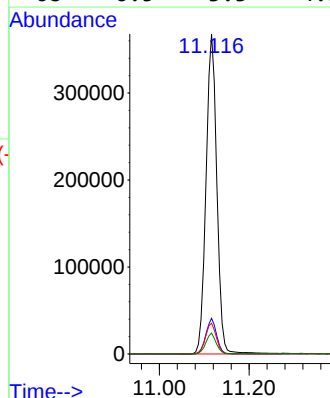
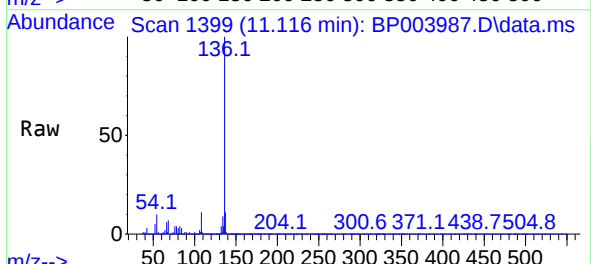
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

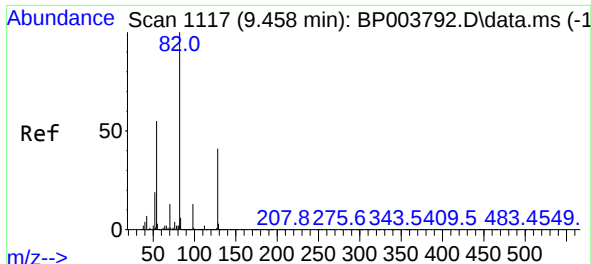
Tgt Ion: 99 Resp: 550525  
Ion Ratio Lower Upper  
99 100  
42 20.4 8.6 13.0#  
71 36.5 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.116 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion: 136 Resp: 613923  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.6 3.6 5.4#  
68 6.5 3.3 4.9#

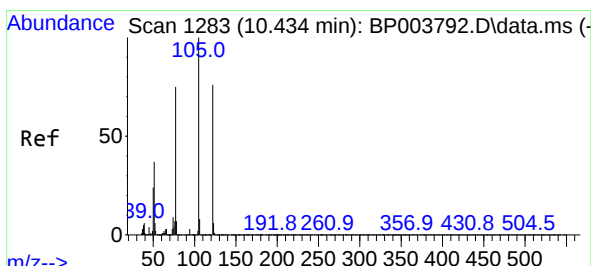
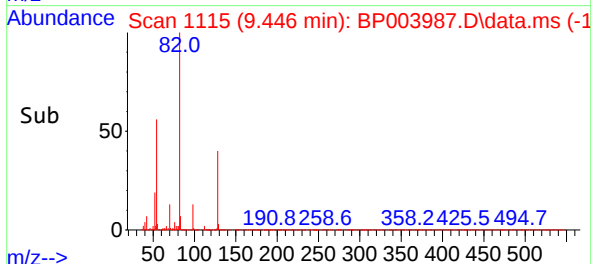
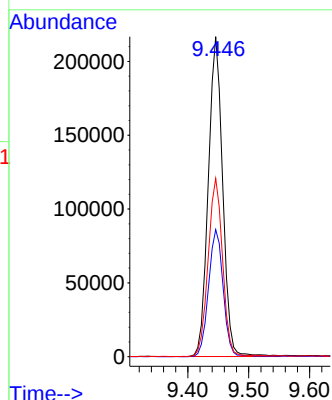
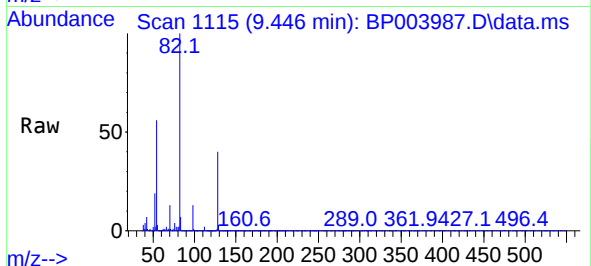




#23  
Nitrobenzene-d5  
Concen: 28.39 ng  
RT: 9.446 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

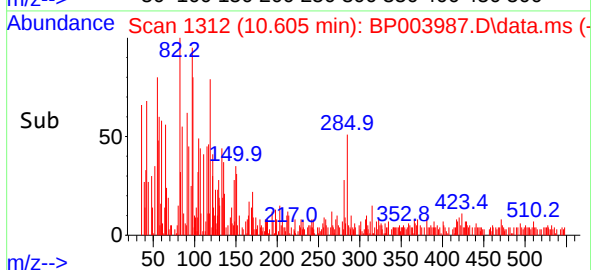
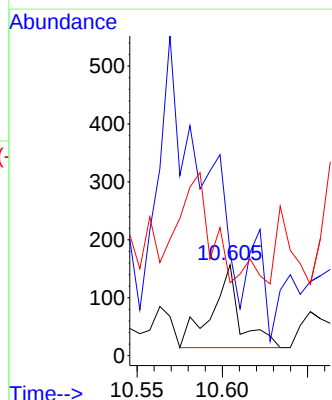
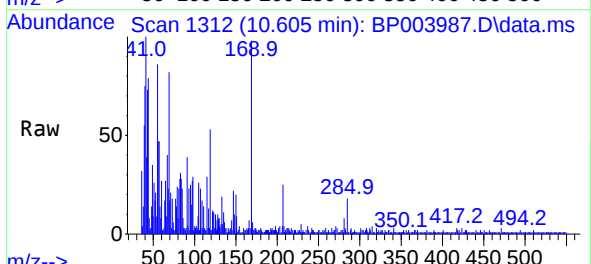
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

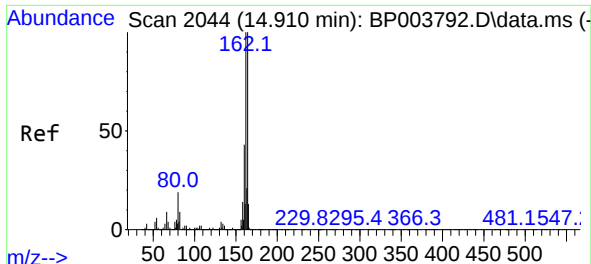
Tgt Ion: 82 Resp: 355888  
Ion Ratio Lower Upper  
82 100  
128 39.7 45.6 68.4#  
54 55.7 30.1 45.1#



#32  
Benzoic acid  
Concen: 8.33 ng  
RT: 10.605 min Scan# 1312  
Delta R.T. 0.165 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion: 122 Resp: 165  
Ion Ratio Lower Upper  
122 100  
105 113.4 94.1 134.1  
77 80.3 50.1 90.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.904 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP003987.D

Acq: 17 Nov 2020 21:52

Instrument :

BNA\_P

ClientSampleId :

FJ-BH-01-0-1

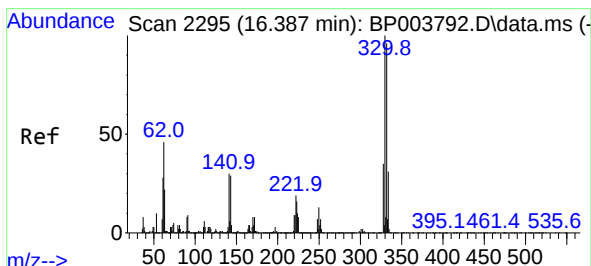
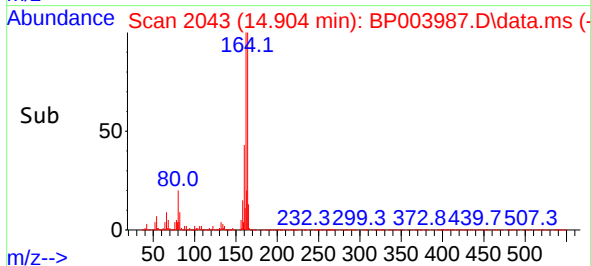
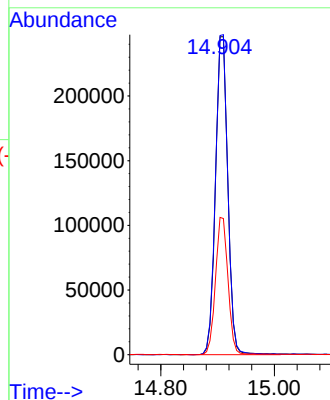
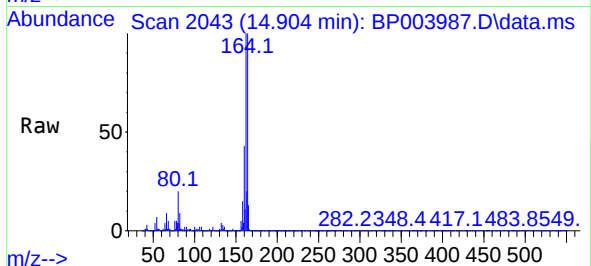
Tgt Ion:164 Resp: 368094

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 43.2 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 39.56 ng

RT: 16.392 min Scan# 2296

Delta R.T. 0.000 min

Lab File: BP003987.D

Acq: 17 Nov 2020 21:52

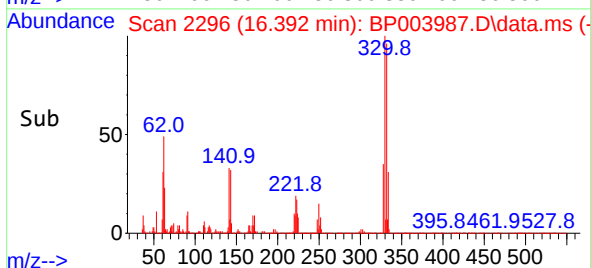
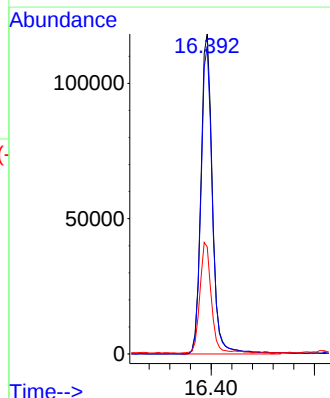
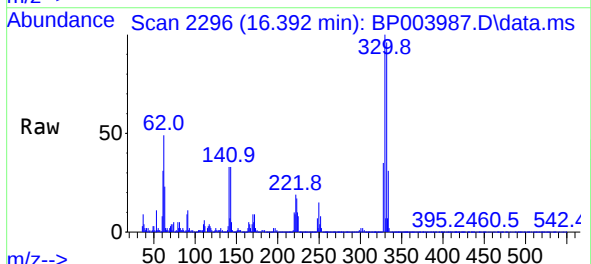
Tgt Ion:330 Resp: 182111

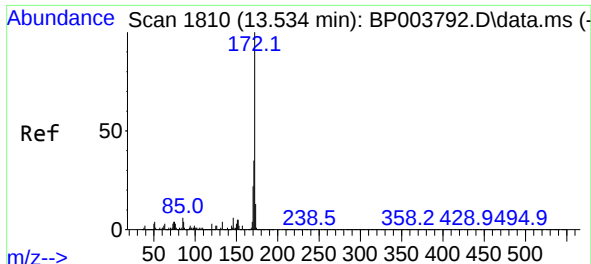
Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

141 33.9 23.4 35.2

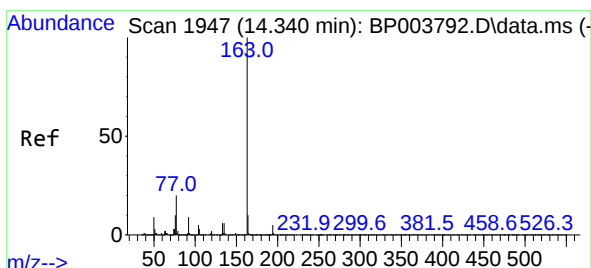
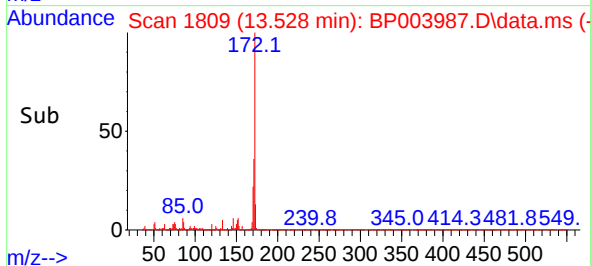
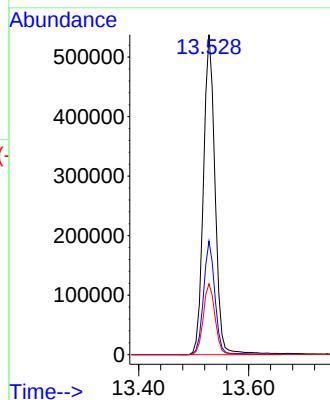
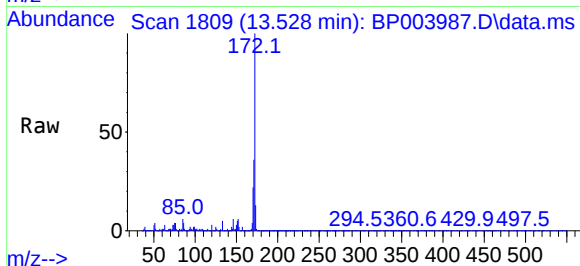




#45  
2-Fluorobiphenyl  
Concen: 30.05 ng  
RT: 13.528 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

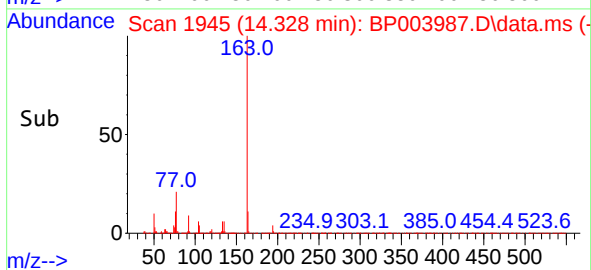
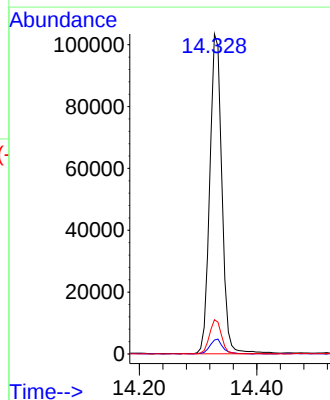
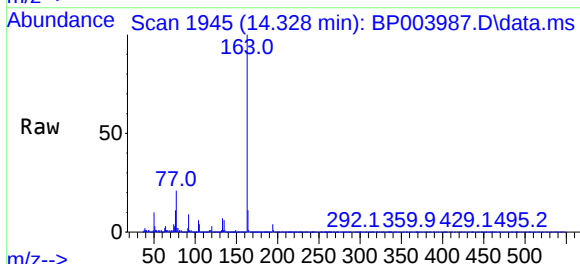
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

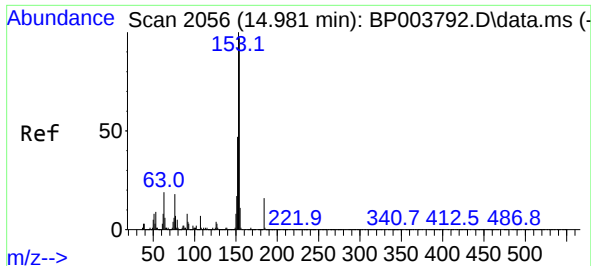
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|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 791244 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.5  | 28.5  | 42.7   |
| 170       | 22.1  | 19.2  | 28.8   |



#50  
Dimethylphthalate  
Concen: 5.18 ng  
RT: 14.328 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 149029 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.3   | 4.9    |
| 164       | 10.7  | 8.2   | 12.2   |

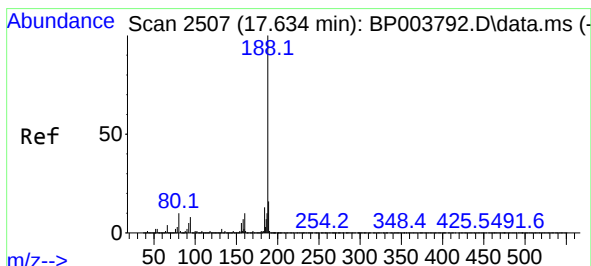
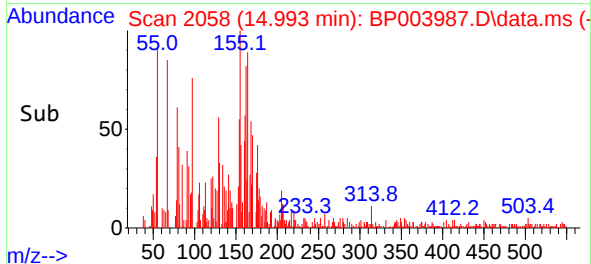
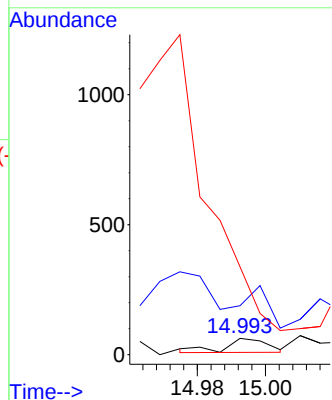
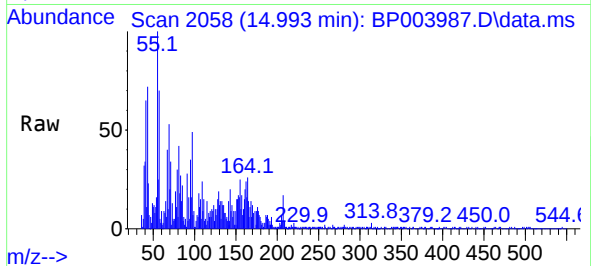




#54  
2,4-Dinitrophenol  
Concen: 2.75 ng  
RT: 14.993 min Scan# 2058  
Delta R.T. -0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

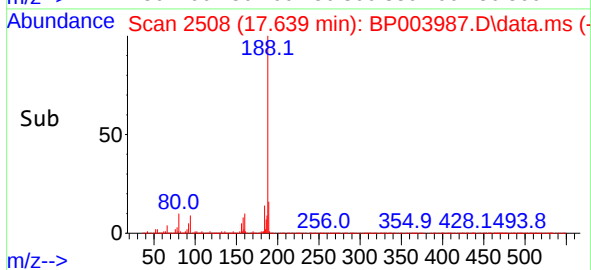
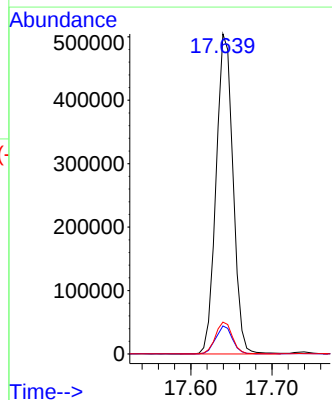
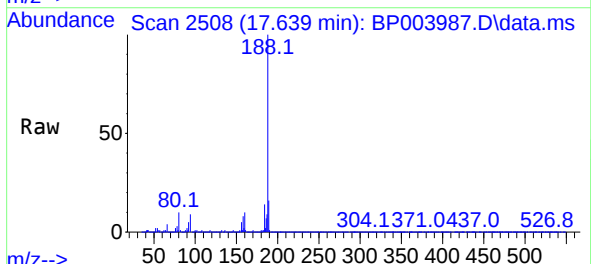
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

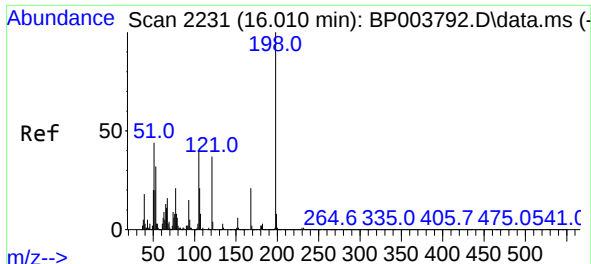
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|----------|-------|-------|-------|
| Tgt Ion: | 184   | Resp: | 46    |
| Ion      | Ratio | Lower | Upper |
| 184      | 100   |       |       |
| 63       | 298.4 | 32.3  | 48.5# |
| 154      | 536.5 | 49.1  | 73.7# |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.639 min Scan# 2508  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 730996 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.8   | 6.2   | 9.2    |
| 80       | 10.0  | 6.2   | 9.2#   |

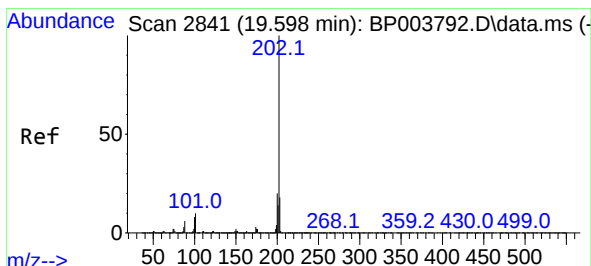
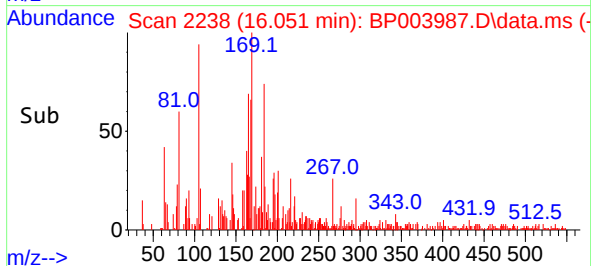
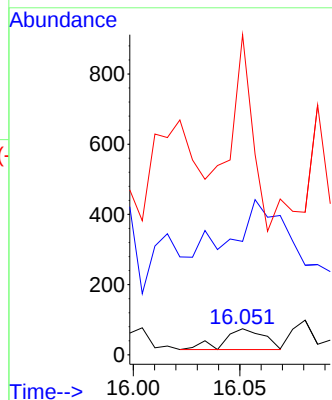
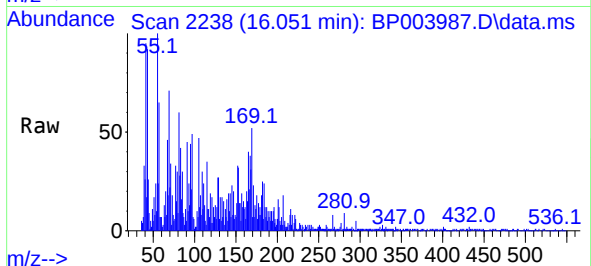




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.36 ng  
RT: 16.051 min Scan# 2238  
Delta R.T. 0.030 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

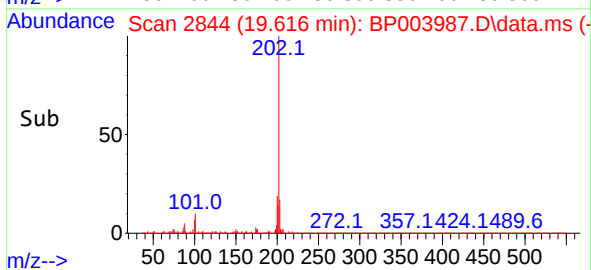
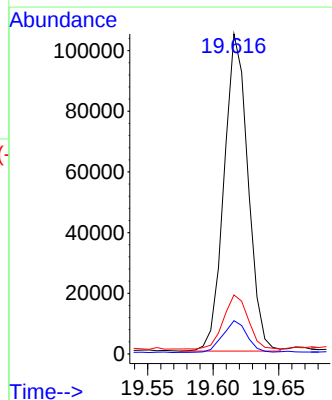
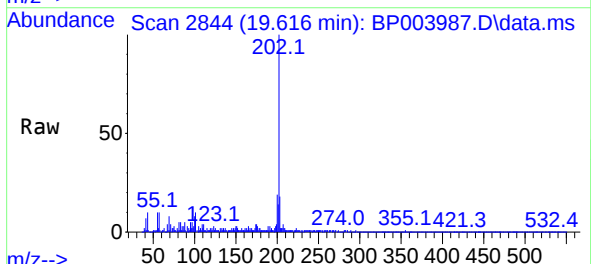
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

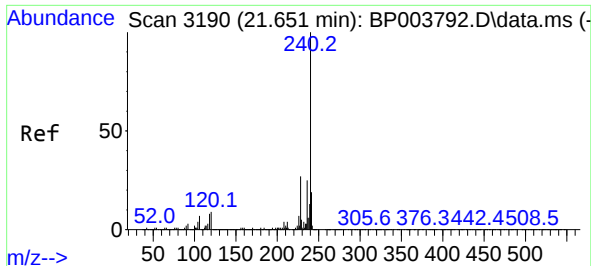
Tgt Ion:198 Resp: 78  
Ion Ratio Lower Upper  
198 100  
51 436.5 6.4 46.4#  
105 1232.4 18.9 58.9#



#75  
Fluoranthene  
Concen: 2.80 ng  
RT: 19.616 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion:202 Resp: 132724  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 29.4  
203 18.4 0.0 37.8

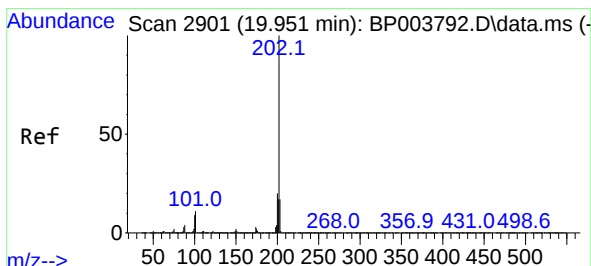
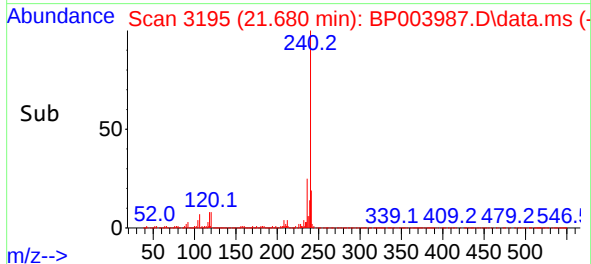
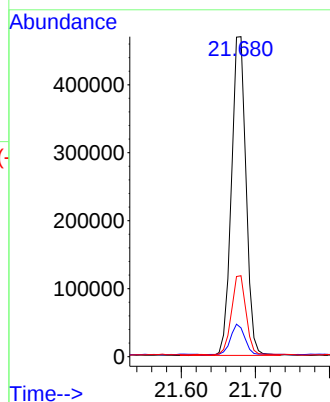
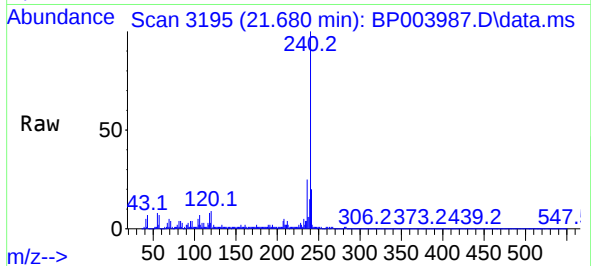




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.680 min Scan# 3195  
Delta R.T. 0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

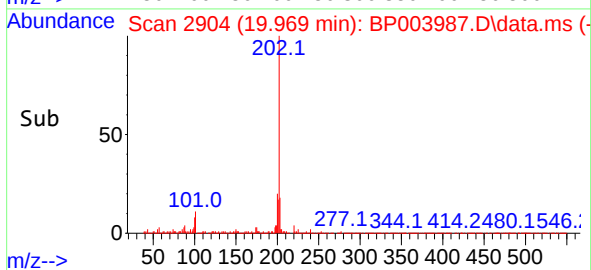
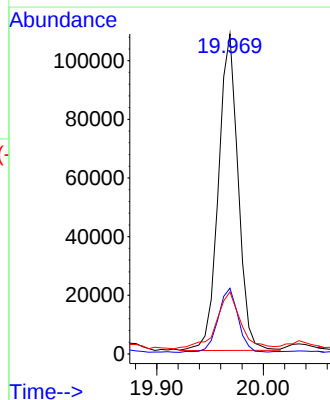
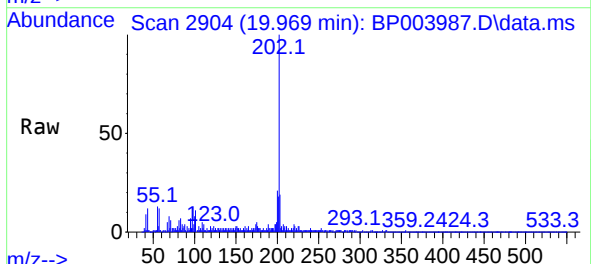
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

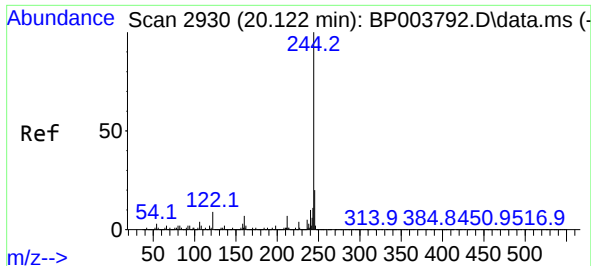
Tgt Ion:240 Resp: 639422  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.8 11.6  
236 25.3 20.8 31.2



#78  
Pyrene  
Concen: 3.19 ng  
RT: 19.969 min Scan# 2904  
Delta R.T. 0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion:202 Resp: 138289  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.1 25.7  
203 19.4 14.2 21.2

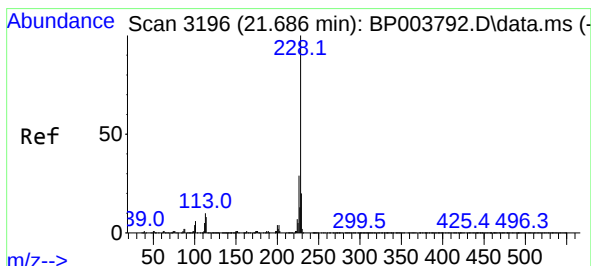
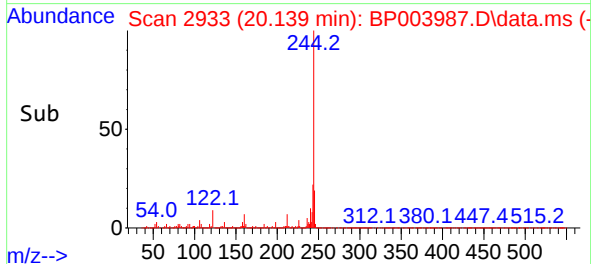
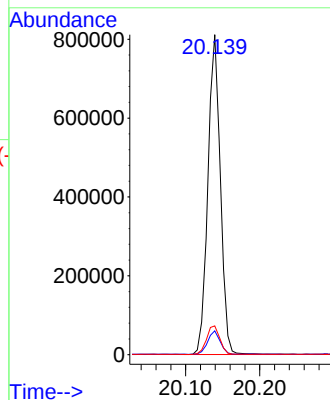
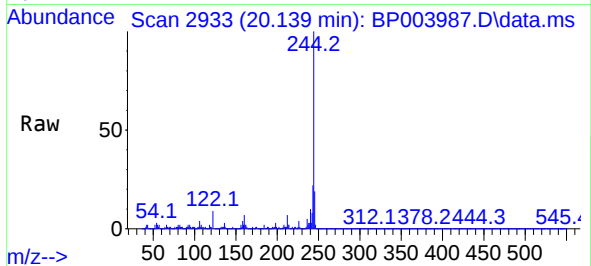




#79  
Terphenyl-d14  
Concen: 28.60 ng  
RT: 20.139 min Scan# 2933  
Delta R.T. 0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

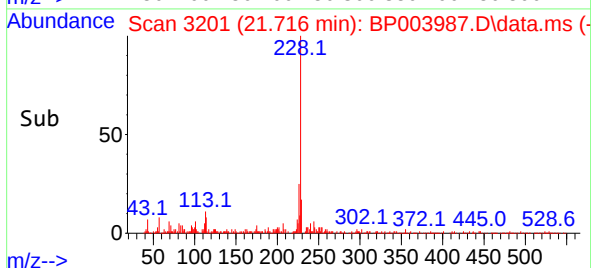
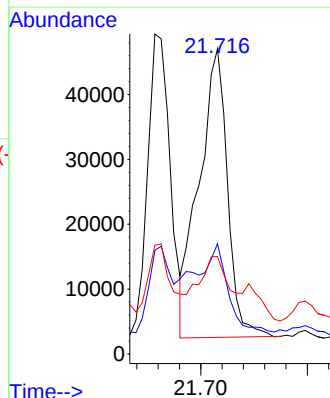
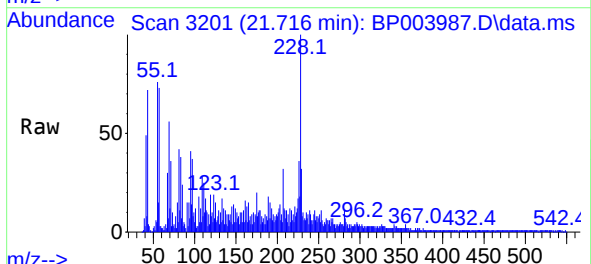
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

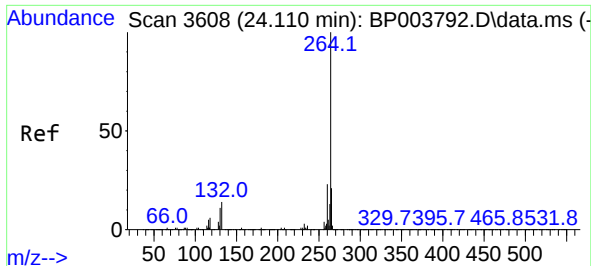
Tgt Ion:244 Resp: 946569  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 9.0 7.8 11.8



#83  
Chrysene  
Concen: 2.04 ng  
RT: 21.716 min Scan# 3201  
Delta R.T. 0.000 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

Tgt Ion:228 Resp: 82813  
Ion Ratio Lower Upper  
228 100  
226 36.1 24.4 36.6  
229 31.9 15.8 23.6#

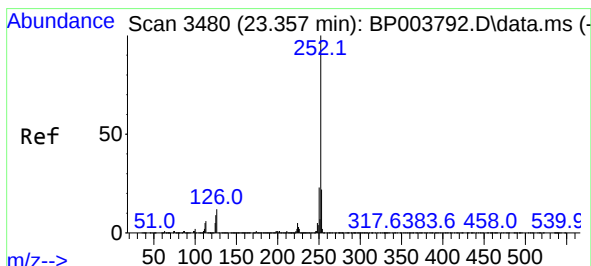
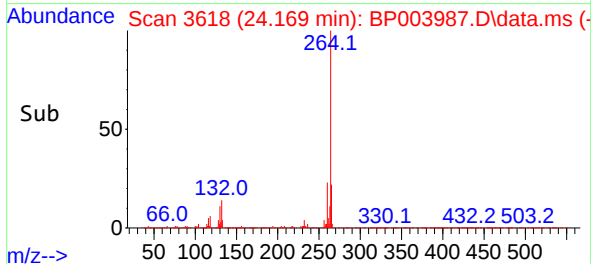
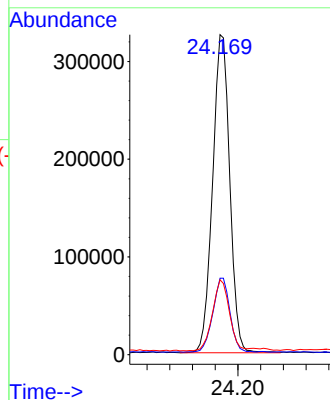
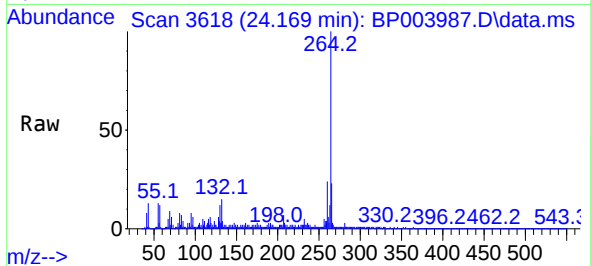




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.169 min Scan# 3618  
Delta R.T. 0.012 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

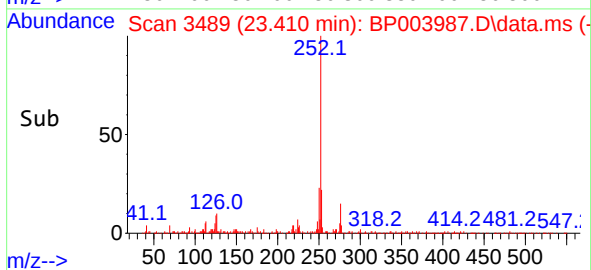
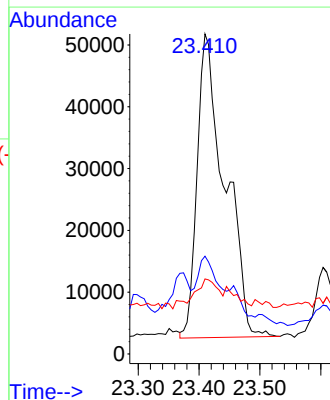
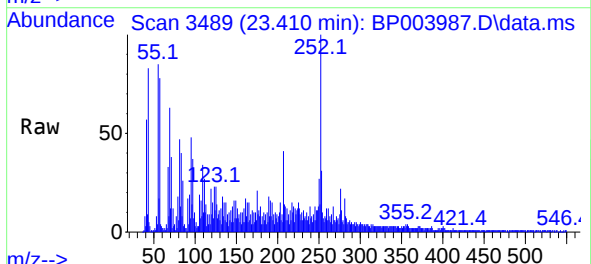
Instrument :  
BNA\_P  
ClientSampleId :  
FJ-BH-01-0-1

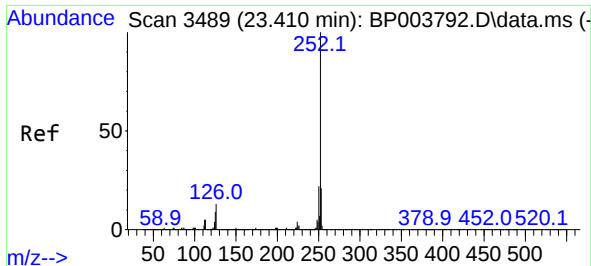
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 679886 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.9  | 18.8  | 28.2   |
| 265       | 23.4  | 17.4  | 26.2   |



#88  
Benzo(b)fluoranthene  
Concen: 3.49 ng  
RT: 23.410 min Scan# 3489  
Delta R.T. 0.006 min  
Lab File: BP003987.D  
Acq: 17 Nov 2020 21:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 155095 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 30.6  | 17.6  | 26.4#  |
| 125       | 23.4  | 7.3   | 10.9#  |





#89

Benzo(k)fluoranthene

Concen: 3.53 ng

RT: 23.410 min Scan# 3489

Delta R.T. -0.041 min

Lab File: BP003987.D

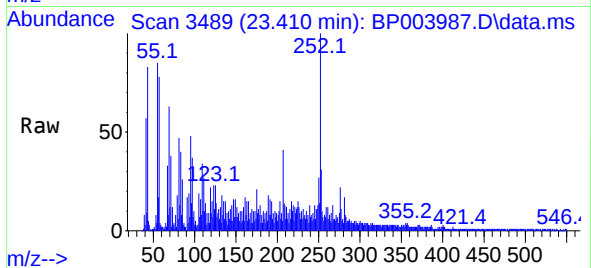
Acq: 17 Nov 2020 21:52

Instrument :

BNA\_P

ClientSampleId :

FJ-BH-01-0-1



Tgt Ion:252 Resp: 155095

Ion Ratio Lower Upper

252 100

253 30.6 17.8 26.8#

125 23.4 7.4 11.2#

